

Professional Tools for the Construction Worker

- Painter and Plasterer
- Electricians
- Drywall Builder
- Worker Protection
- Testing and Measuring
- Injection



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**Painter and
Plasterer**

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Flooring, Tiling

**Please find more at our
Flooring Catalogue**

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Electricians

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Drywall Builder

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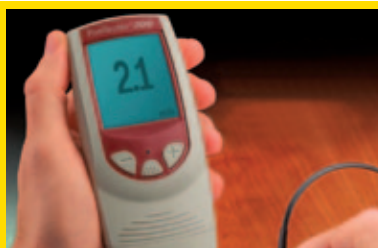
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Worker Protection

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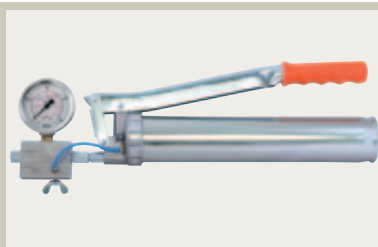
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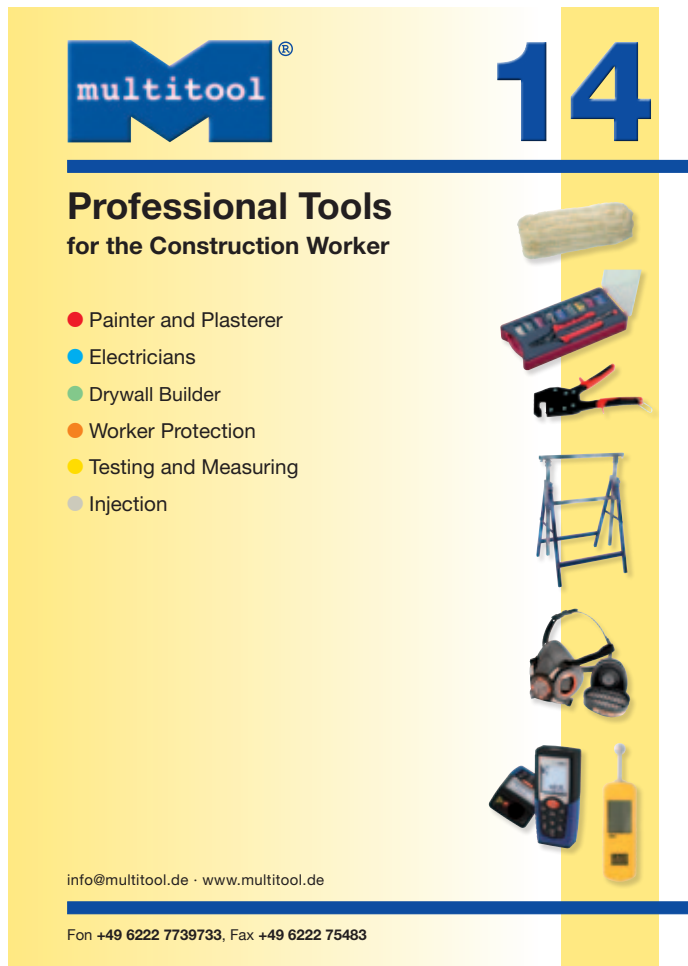


Injection

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Professional Tools for the Construction Worker

Professional Tools for the Flooring Worker



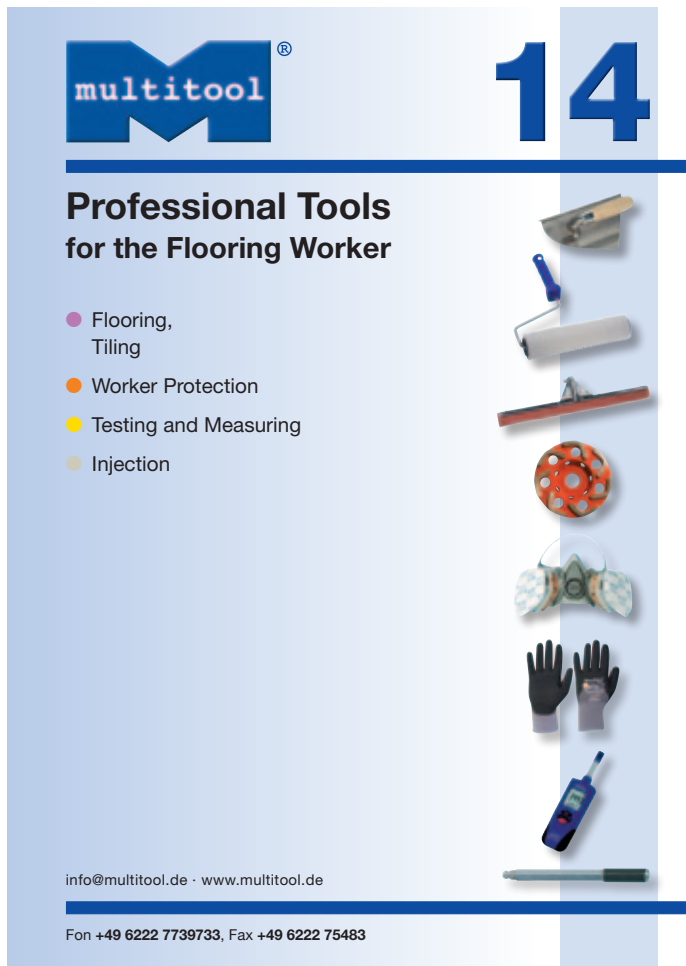
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Our product portfolio has grown. We now have 2 catalogues!

Our catalogues are sorted according to job categories and not according to tool categories. Due to this it may occur that some tools appear at more instances in the catalogues. This may be the case where a tool is required or used in more than one job category.

You will find the appropriate tools for painters, plasterers, electricians and drywall builders in the yellow catalogue while the blue catalogue applies to flooring tools. Protective workwear, testing tools, measuring tools and injection tools can be found in both catalogues.

We hope to have addressed your needs and requirements with the enhanced layout of our new catalogue, making it easy to find your required tools quickly. Each job category starts with a table of contents to facilitate your search for the right tool.

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Painter and Plasterer



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Size Chart Brush

Radiator Brush	Size	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"
	Size mm	12,5	18	25	38	50	62	75	100

Varnish Brush Thickness Scale	Width	15 mm	25 mm	40 mm	50 mm	60 mm	75 mm	85 mm	100 mm
	1. Thickness / mm	4	4,5	4,5	5	5,5	6	6,5	6,5
	2. Thickness / mm	5,5	6	6,5	7	7,8	8	9	9
	3. Thickness / mm	6	7	7,5	8	9	9,5	10	10,5
	4. Thickness / mm	7	8	9	10	11	12	12,5	13
	5. Thickness / mm	8	9	10	11	12	13	14	15
	6. Thickness / mm	10	11	12	13	14	15	16	17
	7. Thickness / mm	11	12	13	14	15	16	17	18
	8. Thickness / mm	12	13	14	15	16	17	18	19
	9. Thickness / mm	13	14	15	16	17	18	19	20
	10. Thickness / mm	14	15	16	17	18	19	20	21
	12. Thickness / mm	-	17	18	19	21	22	23	23

Round Brush	Size	2	4	6	8	10	12	14	16	18
	Ø in mm	20	25	30	35	40	45	50	55	60

Use of Paint Roller

Paint Roller Cover		suitable for									
		Dispersion Paint	Facade Paint	Latex Paint	Impregnation	Epoxy resin	Polyurethan resin	Water emulgated resin	Bitumen	Glas fibre plastic	2-comp. Primer
Vestan	Polyester knitted								xxx	xxx	xxx
Acryl	Synthetic spinning fibre, cheap alternative to polyamid fibres	x	x	x					xx	xx	xx
Nylon	Polyamid yarn textured (curled) filament yarn					xxx	xxx	x		xx	xx
Gold Stripe	Polyamid yarn spinned	xxx	xxx	xxx				xxx			
Polyester	Polyester yarn woven	xx	xx	xx		x	x		xx	xx	xx
Mohair	Goat hair					xxx	xxx		xxx	xxx	xxx
Velour	Shorn lamb hair					xxx	xxx		xxx	xxx	xxx
Lamb Skin	Lamb Skin	xxx	xxx	xxx							
Micro Fibres	Polyester filament yarn			xxx	xxx	xx	xx	xxx			xx
Mcro Fibres Mix	Mix of various polyester ficro fibres				xxx	xxx	xxx	xxx			xx
	xxx = very suitable xx = well suited x = suitable										

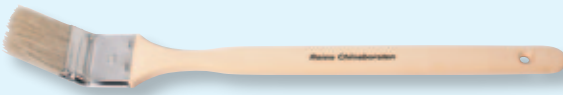
Radiator Brush Good Standard Quality



grey PBT/natural bristle mix, approx. 70-80% tops

1"	011.110	12	360
ferr. thickness approx. 9 mm, vbl 40mm			
1,5"	011.115	12	300
ferr. thickness approx. 12mm, vbl 45mm			
2"	011.120	12	240
ferr. thickness approx. 12mm, vbl 50mm			
2,5"	011.125	12	180
ferr. thickness approx. 12mm, vbl 51mm			
3"	011.130	12	120
ferr. thickness approx. 12mm, vbl 56mm			

Radiator Brush Top Quality



light PBT/natural bristle mix, approx.2x boiled bristle, 90% tops, (Made in Germany)

1"	011.610	12	120
ferr. thickness approx. 9 mm, vbl 43 mm			
1,5"	011.615	12	120
ferr. thickness approx. 9 mm, vbl 43 mm			
2"	011.620	12	120
ferr. thickness approx. 9 mm, vbl 49 mm			
2,5"	011.625	12	120
ferr. thickness approx. 9 mm, vbl 51 mm			
3"	011.630	12	120
ferr. thickness approx. 9 mm, vbl 51 mm			

Radiator Brush Top Quality



light PBT/natural bristle mix, 3x boiled bristle, approx. 90% tops, (Made in Germany)

1"	012.210	12	120
ferr. thickness approx. 8mm, vbl 45 mm			
1,5"	012.215	12	120
ferr. thickness approx. 8mm, vbl 50 mm			
2"	012.220	12	120
ferr. thickness approx. 8mm, vbl 56 mm			
2,5"	012.225	12	120
ferr. thickness approx. 8mm, vbl 56 mm			
3"	012.230	12	120
ferr. thickness approx. 8mm, vbl 62 mm			

Radiator Brush Professional



black China bristles, grounded wooden handle, our best quality, approx. 90% tops

1"	012.310	12	120
ferr. thickness approx. 8mm, vbl 43 mm			
1,5"	012.315	12	120
ferr. thickness approx. 9mm, vbl 50 mm			
2"	012.320	12	120
ferr. thickness approx. 9mm, vbl 56 mm			
2,5"	012.325	12	120
ferr. thickness approx. 9mm, vbl 56 mm			
3"	012.330	12	120
ferr. thickness approx. 9mm, vbl 62 mm			

Facade Brush Master Quality



light PBT/natural bristle mix, long handle, approx. 70-80% tops

2"	012.620	12	180
vbl 56 mm			
3"	012.630	12	120
vbl 56 mm			
4"	012.640	12	96
vbl 56 mm			

Painter and Plasterer

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Facade Brush Top Quality

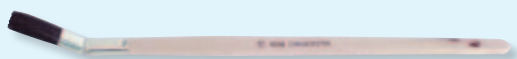


12. grade, light PBT/natural bristle mix, short handle, 90% tops

3"
vbl 56 mm

012.830	1	12
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Linedrawer angled



black china bristle, approx. 80% tops

10 mm
15 mm
20 mm
25 mm
30 mm

013.010	12	
013.015	12	
013.020	12	
013.025	12	
013.030	12	

Ceiling Brush



special Silverpren filling, punched in bundles, plastic handle with thread and bucket hook, solvent resistant, vbl 70 mm

18x8 cm

014.020	6	12
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Ceiling Brush Economy



synthetic bristles, light coat, dark insertion, punched in bundles, plastic handle with thread and bucket hook, vbl 70 mm

17x7 cm

014.030	6	12
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Ceiling Brush Top Quality



Professional ceiling brush pure light China bristle approx. 89 cm long

18x8 cm

014.035	1	
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Oval paint brush



premium quality, pure light china bristle , vbl 65 mm

14x7 cm

014.214	1	
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Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair	
Tar Brush 	heat resistant Fibre bristles						
	17x7 cm	014.040	1		12		
	vbl 65 mm						
	17,5x8 cm	014.041	1		12		
	vbl 70 mm						
Tar scrubber 	white fibre						
	6,8x22,5 cm	014.042	1				
Floor Painting Brush 	pure china bristles, vulcanized, with handle bracket, vbl 60 mm						
	21x3 cm	014.052	1				
	30x3 cm	014.053	1				
Wall Brush Economy 	light china bristles, plastic handle with thread and bucket hook, vbl 45 mm						
	3x7 cm	014.048	12		60		
	3x10 cm	014.049	6		60		
	3x12 cm	014.050	6		60		
	4x14 cm	014.051	6		60		
Block Brush Professional 	light PBT/Natural bristles mix, untreated wooden handle, vbl 60mm, approx. 90% tops						
	2,5x8 cm	014.080	6				
	2,5x10 cm	014.100	6				
	2,8x12 cm	014.120	6				
	3x14 cm	014.140	6				
Flat Brush Economy 1st grade 	light PBT/natural bristle mix, untreated wooden handle, approx. 70% tops						
	25 mm	015.210	12		120		
	vbl 38 mm						
	35 mm	015.215	12		120		
	vbl 41 mm						
	50 mm	015.220	12		120		
	vbl 43 mm						
	60 mm	015.225	12		120		
	vbl 47 mm						
70 mm	015.230	12		120			
vbl 48 mm							
80 mm	015.240	12		120			
vbl 55 mm							

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Flat Brush Economy 6th grade 	light PBT/natural bristle mix, blue plastic handle, approx. 70% tops					
	25 mm	015.510	12	120		
	vbl 45 mm					
	35 mm	015.515	12	120		
	vbl 45 mm					
	50 mm	015.520	12	120		
	vbl 45 mm					
60 mm	015.525	12	120			
vbl 45 mm						
70mm	015.530	12	120			
vbl 45 mm						
Flat Brush Master Quality 7th grade 	light PBT/natural bristle mix, coated handle, approx. 70-80% tops					
	25 mm	015.110	12	120		
	vbl 45 mm					
	35 mm	015.115	12	120		
	vbl 45 mm					
	50 mm	015.120	12	120		
	vbl 48 mm					
60 mm	015.125	12	120			
vbl 48 mm						
70 mm	015.130	12	120			
vbl 48 mm						
100 mm	015.140	12	120			
vbl 55 mm						
Flat Brush Master Quality 9th grade 	light PBT/natural bristle mix, waxed, wooden handle, approx. 70-80% tops					
	25 mm	015.010	12	120		
	vbl 40 mm					
	35mm	015.015	12	120		
	vbl 45 mm					
	50 mm	015.020	12	120		
	vbl 51 mm					
60 mm	015.025	12	120			
vbl 51 mm						
70 mm	015.030	12	120			
vbl 40 mm						
100 mm	015.040	12	120			
vbl 40 mm						
Flat Brush Master Quality 9th grade 	black PBT/natural bristle mix, untreated wooden handle, approx. 70-80% tops					
	25 mm	016.010	12	120		
	vbl 45 mm					
	35 mm	016.015	12	120		
	vbl 51 mm					
	50 mm	016.020	12	120		
	vbl 56 mm					
60 mm	016.025	12	120			
vbl 56 mm						
70 mm	016.030	12	120			
vbl 63 mm						
100 mm	016.040	6	60			
vbl 63 mm						

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Flat Brush Top Quality 12th grade 	light PBT/natural bristle mix, untreated wooden handle, approx. 90% tops					
	25 mm	016.110	12	120		
	vbl 45 mm					
	35 mm	016.115	12	120		
	vbl 51 mm					
	50 mm	016.120	12	120		
	vbl 56 mm					
	60 mm	016.125	12	120		
	vbl 63 mm					
	70 mm	016.130	12	120		
vbl 70 mm						
100 mm	016.140	12	60			
vbl 70 mm						
Flat Brush Master Quality 6th grade 	PBT bristle, for water based products, plastic handle					
	20 mm	016.520	12	120		
	vbl 45 mm					
	25 mm	016.525	12	120		
	vbl 45 mm					
	35 mm	016.535	12	120		
	vbl 45 mm					
	50 mm	016.550	12	120		
	vbl 45 mm					
	60 mm	016.560	12	120		
vbl 45 mm						
70 mm	016.570	12	120			
vbl 45 mm						
100 mm	016.599	12	60			
vbl 50 mm						
Flat Brush Master Quality 10th grade 	for water based products, high quality orel-mix bristles, wooden handle					
	30 mm	016.830	6	60		
	vbl 50 mm					
	40 mm	016.840	6	60		
	vbl 50 mm					
	50 mm	016.850	6	60		
	vbl 50 mm					
	60 mm	016.860	6	60		
vbl 50 mm						
80 mm	016.880	6	60			
vbl 50 mm						
Round Brush Economy 	light chinese bristles,short, white rope, 60% tops					
	size 2	017.002	12	120		
	Ø 20 mm, vbl 35 mm					
	size 4	017.004	12	120		
	Ø 25 mm, vbl 35 mm					
	size 6	017.006	12	120		
	Ø 30 mm, vbl 35 mm					
	size 8	017.008	12	120		
Ø 35 mm, vbl 35 mm						
size 10	017.010	12	120			
Ø 40 mm, vbl 40 mm						
size 12	017.012	12	120			
Ø 45 mm, vbl 40 mm						

Painter and Plasterer

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Round Brush Master Quality 	light PBT/natural bristle mix, approx. 90% tops					
	size 2 Ø 20 mm, vbl 65 mm	017.202	12	120		
	size 4 Ø 25 mm, vbl 65 mm	017.204	12	120		
	size 6 Ø 30 mm, vbl 75 mm	017.206	12	120		
	size 8 Ø 35 mm, vbl 80 mm	017.208	12	120		
	size 10 Ø 40 mm, vbl 85 mm	017.210	12	120		
	size 12 Ø 45 mm, vbl 85 mm	017.212	12	60		
Round Brush Master Quality 	black PBT/natural bristle mix, approx. 90% tops					
	size 2 Ø 20 mm, vbl 60 mm	018.002	12	120		
	size 4 Ø 25 mm, vbl 65 mm	018.004	12	120		
	size 6 Ø 30 mm, vbl 70 mm	018.006	12	120		
	size 8 Ø 35 mm, vbl 75 mm	018.008	12	120		
	size 10 Ø 40 mm, vbl 80 mm	018.010	12	120		
	size 12 Ø 45 mm, vbl 85 mm	018.012	6	60		
Enamel Brush 	light natural bristle					
	size 1 Ø 12 mm, vbl 28 mm	017.101	12	120		
	size 2 Ø 14 mm, vbl 28 mm	017.102	12	120		
Niche-, Angle-, Ship- or Tuber-Brush 	PBT/natural bristle mix					
	size 8 Ø 35 mm, vbl 45 mm	019.035	3	12		
	size 10 Ø 40 mm, vbl 45 mm	019.040	3	12		
	size 12 Ø 45 mm, vbl 47 mm	019.045	3	12		
	size 14 Ø 50 mm, vbl 55 mm	019.050	3	12		
	size 16 Ø 55 mm, vbl 55 mm	019.055	3	12		
Handle for Niche-, Angle-, Ship-, or Tuber Brush 	wood	019.001	1			
	plastic	019.002	1			
Dabbing Brush 	round brush with 40mm long stiff bristles					
size 10 Ø 40 mm, vbl 28 mm	019.140	3				

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Foam Brush 	with untreated wooden handle					
	2"	019.220	3			
Dusting Brush 	pure light china bristles, in row vulcanized, untreated wooden handle, vbl 57 mm					
	17 cm	014.055	3		12	
Wallpapering Brush 	untreated wooden body					
	synthetic bristles 20x6 cm	020.020	2			
	pure horse hair 23,5x6 cm	020.021	1			
Paper Hanging Brush 	synthetic bristle, punched in bundles, untreated wooden handle, handle with hole					
	30x2,5 cm	020.030	3			
Wallpaper Trowel 	plastic, trapezoid-shaped, conical round edge					
		19.410.023	3			
Wallpaper Roller 	conical form, smooth surface, with plastic handle 3,5 cm width					
	3,5 cm	19.420.035	3			
	barrel form, ripped surface, with plastic handle 4,5 cm width					
	4,5 cm	19.420.045	3			
Wallpaper Roller 	very soft rubber, plastic handle					
	4 cm	19.401.005	3			
	14,5 cm	19.401.015	3			
	medium soft rubber, plastic handle					
	4 cm	19.491.005	3			

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Vestan Set Economy



**Pile weight approx. 715g/m²,
coreØ 42 mm,
incl. handle Ø 6 mm and paint grid**

18 cm	10.918.018	25		
25 cm	10.925.018	25		

Vestan Primer-Roller Pile 18mm



**Pile weight approx. 1000g/m²,
coreØ 48 mm**

18 cm	10.018.001	10	100	
25 cm	10.000.001	10	100	
40 cm	10.040.001	1	10	
50 cm	10.050.001	1	10	

**Vestan Primer Roller Pile 18mm,
padded 4 mm**



**Pile weight approx. 1400g/m²,
coreØ 48 mm**

18 cm	10.018.002	10	100	
25 cm	10.000.002	10	100	

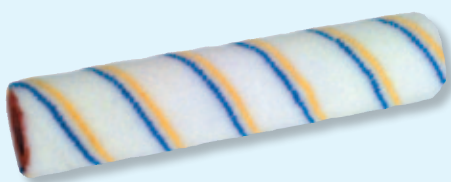
**Acryl Universal Roller
Pile 18 mm**



for primer and sealant, green, coreØ 48 mm

25 cm	10.900.001	10	100	
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**Nylon Top Coat Roller Premium
Pile 6 mm**



**with blue/yellow thread, for sealing of smooth surfaces, fuzz-free, solvent resistant,
coreØ 48 mm**

12 cm	10.112.006	10	100	
18 cm	10.118.006	10	100	
25 cm	10.100.006	10	100	
50 cm	10.150.006	1	10	

Radiator Roller coreØ 17 mm				
5 cm	15.105.006	10	100	
10 cm	15.110.006	10	100	
15 cm	15.150.006	10	100	
Midi Roller coreØ 30 mm				
12,5 cm	15.125.006	10	100	

**Nylon Top Coat Roller Premium
Pile 8 mm**

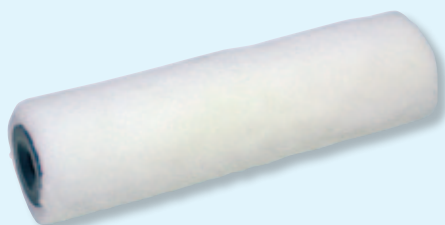
with blue/blue thread, for sealing of smooth surfaces, fuzz-free, solvent resistant, coreØ 48 mm

18 cm	10.118.008	10	100
25 cm	10.100.008	10	100
40 cm	10.140.008	1	10
50 cm	10.150.008	1	10
60 cm	10.160.008	1	10
Radiator Roller coreØ 17 mm			
5 cm	15.105.008	10	100
10 cm	15.110.008	10	100
15 cm	15.150.008	10	100
Midi Roller coreØ 30 mm			
10 cm	15.125.008	10	100

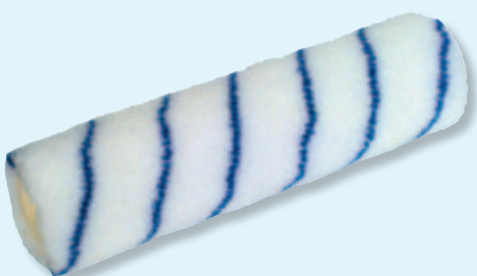
**Nylon Top Coat Roller Economy
Pile 8 mm**

with black/green thread, for sealing of smooth surfaces, solvent resistant, coreØ 48 mm

25 cm	10.101.008	10	100
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**Nylon Top Coat Roller Premium
Pile 12 mm**

for sealing of smooth and slight rough surfaces, fuzz-frees, solvent resistant, coreØ 48 mm

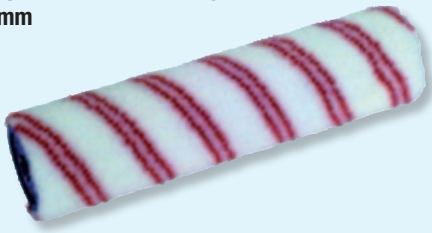
12 cm	10.112.012	10	100
18 cm	10.118.012	10	100
25 cm	10.100.012	10	100
40 cm	10.140.012	1	10
50 cm	10.150.012	1	10
Nylon Radiator Roller pile 12 mm, weight, coreØ 17 mm			
10 cm	15.110.012	10	100
15 cm	15.150.012	10	100
Midi Roller coreØ 30 mm			
10 cm	15.125.012	10	100

**Nylon Top Coat Roller Premium
Pile 14 mm**

with blue thread, for sealing of smooth and rough(sanded) surfaces, fuzz-free, solvent resistant, coreØ 48 mm

18 cm	10.118.014	10	100
25 cm	10.100.014	10	100
40 cm	10.140.014	1	10
50 cm	10.150.014	1	10
60 cm	10.160.014	1	10
Radiator Roller coreØ 17 mm			
5 cm	15.105.014	10	100
10 cm	15.110.014	10	100
15 cm	15.150.014	10	100
extra cleaned (brushed)			
10 cm	15.110.114	10	100
Midi Roller coreØ 30 mm			
10 cm	15.125.014	10	100

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Nylon Top Coat Roller Economy
Pile 14 mm



for sealing of smooth and rough(sanded) surfaces, solvent resistant, coreØ 48 mm

18 cm	10.119.014	10	100
25 cm	10.101.014	10	100
50 cm	10.151.014	1	10
60 cm	10.161.014	1	10

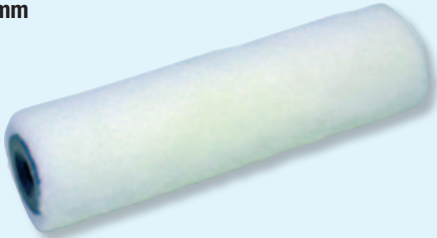
Nylon Top Coat Roller Premium
Pile 18 mm



for sealing of smooth and rough(sanded) surfaces, fuzz-free, solvent resistant coreØ 48 mm

18 cm	10.118.018	10	100
25 cm	10.100.018	10	100
40 cm	10.140.018	1	10
50 cm	10.150.018	1	10

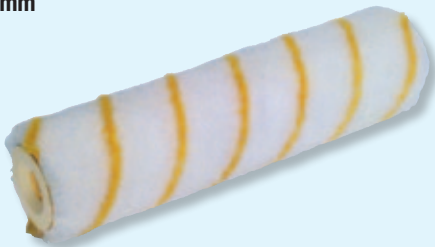
Nylon Top Coat Roller Economy
Pile 18 mm



for sealing of smooth and rough(sanded) surfaces, fuzz-free, solvent resistant coreØ 48 mm

18 cm	10.119.018	10	100
25 cm	10.101.018	10	100

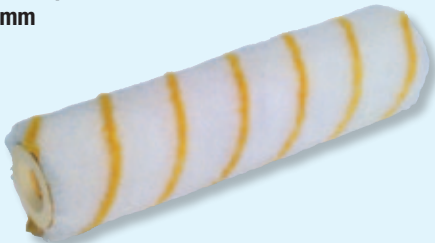
Polyamide Top Coat Roller Premium
Pile 13 mm



especially suitable for water based products, for sealing of smooth and rough(sanded) surfaces, coreØ 48 mm

18 cm	10.218.013	3	10
25 cm	10.200.013	3	10
HRadiator Roller coreØ 17 mm			
10 cm	15.310.013	10	100
15 cm	15.315.013	10	100
Midi Roller coreØ 30 30 mm			
10 cm	15.312.013	10	100

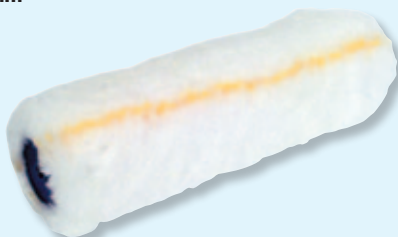
Polyamide Top Coat Roller Premium
Pile 18 mm



especially suitable for water based products, for sealing of smooth and rough(sanded) surfaces, coreØ 48 mm

18 cm	10.218.018	3	10
25 cm	10.200.018	3	10

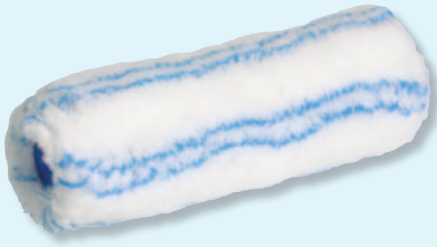
Polyamide Top Coat Roller Premium
Pile 18 mm



twined pile, tops roughened, coreØ 48 mm, padded 4mm, totalØ 106 mm

18 cm	10.218.002	3	10
25 cm	10.200.002	3	10

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

**Polyamide Facade Roller Premium
Pile 21 mm**

twined pile, tops roughened, coreØ 48 mm, padded 8mm, totalØ 106 mm

18 cm	10.218.021	3	10
25 cm	10.200.021	3	10

**Polyamide Facade Roller Premium
Pile 21 mm**

**twined pile, tops roughened, coreØ 48 mm, padded 12 mm,
totalØ114 mm**

18 cm	10.288.021	3	10
25 cm	10.285.021	3	10

**Polyester Roller
Pile 18 mm**

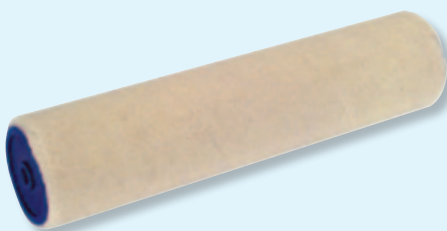
**weaved pile especially suitable for low viscosity products,
coreØ 48 mm**

18 cm	10.818.018	3	10
25 cm	10.825.018	3	10

**Polyester Roller
Pile 21 mm**

**weaved pile especially suitable for low viscosity products, coreØ 48 mm,
padded 8 mm, totalØ 48 mm**

18 cm	10.848.018	3	10
25 cm	10.845.018	3	10

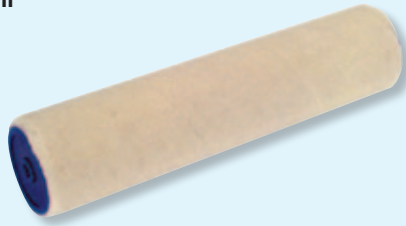
**Mohair Roller
Pile 5 mm**

**Goat hair roller,
coreØ 48 mm**

18 cm	10.318.001	3	10
25 cm	10.300.001	3	10
40 cm	10.300.040	1	10
50 cm	10.300.050	1	10
60 cm	10.300.060	1	10
Radiator Roller coreØ 17 mm			
10 cm	15.410.005	10	100
15 cm	15.415.005	10	100

Painter and Plasterer

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Velour Roller
Pile 5 mm



**wool roller 100%,
coreØ 48 mm**

18 cm	10.418.001	3	10
25 cm	10.400.001	3	10
40 cm	10.400.040	1	10
50 cm	10.400.050	1	10
60 cm	10.400.060	1	10
Radiator Roller coreØ 17 mm			
10 cm	15.510.005	10	100
15 cm	15.515.005	10	100

Lambskin Roller Premium
Pile 20 mm

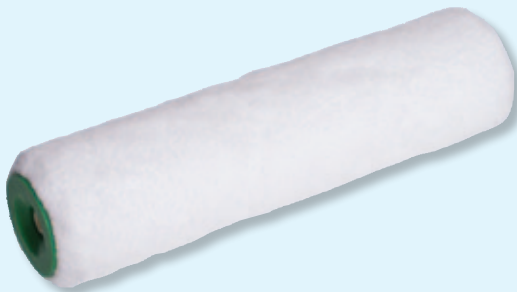


coreØ 48 mm

18 cm	10.518.001	3	10
25 cm	10.525.001	3	10

Microfibre Roller Premium

**especially suitable for low viscosity products, fuzz- and fluff free ,
both ends chamfered, coreØ 48 mm**



Pile 6 mm

18 cm	10.618.006	3	10
25 cm	10.625.006	3	10
Radiator Roller coreØ 17 mm			
10 cm	15.610.006	10	100

Pile 8 mm

18 cm	10.618.008	3	10
25 cm	10.625.008	3	10
40 cm	10.640.008	1	10
50 cm	10.650.008	1	10
60 cm	10.660.008	1	10

Radiator Roller coreØ 17 mm

10 cm	15.610.008	10	100
15 cm	15.615.008	10	100

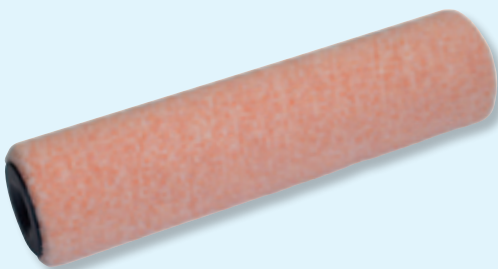
Pile 11 mm

18 cm	10.618.011	3	10
25 cm	10.625.011	3	10
40 cm	10.640.011	1	10
50 cm	10.650.011	1	10
60 cm	10.660.011	1	10
70 cm	10.670.011	1	10

Radiator Roller coreØ 17 mm

10 cm	15.610.011	10	100
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Microfibre-Mix Roller Premium Pile 6 mm



**especially suitable for low viscose products, fuzz- and fluff free, achieves a very
smooth surface, both ends chamfered, coreØ 48 mm**

Pile 6 mm

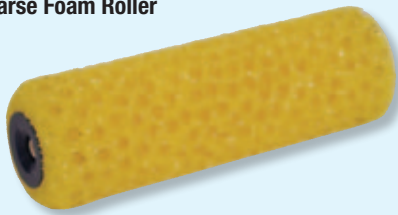
18 cm	10.668.006	3	10
25 cm	10.665.006	3	10
Radiator Roller coreØ 17 mm			
5 cm	15.660.506	10	100
10 cm	15.660.006	10	100
15 cm	15.666.006	10	100

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Microfibre-Mix Roller Premium 	especially suitable for low viscosity products, fuzz- and fluff free, achieves a very smooth surface, both ends chamfered, coreØ 48 mm					
	Pile 10 mm					
	18 cm	10.668.010	3		10	
	25 cm	10.665.010	3		10	
	Radiator Roller coreØ 17 mm					
	5 cm	15.660.510	10		100	
	10 cm	15.660.010	10		100	
	15 cm	15.666.010	10		100	
	Pile 16 mm					
	18 cm	10.668.016	3		10	
25 cm	10.665.016	3		10		
Strukturwalze fein 	core Ø48 mm					
	chamfered one side 25 cm	10.500.001	1		10	
	chamfered both sides 25 cm	10.500.011	1		10	
	chamfered both sides 50 cm	10.550.001	1		10	
	on request 100 cm	10.510.001	1			
	Radiator Roller, coreØ 17 mm					
	5 cm	15.605.001	10		100	
	10 cm	15.600.001	10		100	
	Radiator Roller, super fine foam, coreØ 17 mm					
	5 cm	15.606.001	10		100	
	10 cm	15.601.101	10		100	
	chamfered one side, coreØ 17 mm					
	5 cm	15.605.101	10		100	
chamfered both sides						
10 cm	15.601.101R	10		100		
chamfered one side						
10 cm	15.601.101ER	10		100		
Radiator Foam Roller With Groove 	no roller marks, super fine foam, coreØ 17 mm					
	10 cm	15.601.110	10		100	
Medium Coarse Foam Roller 	yellow medium rough, coreØ 48 mm					
	chamfered one side 25 cm	10.500.002	1		10	
	chamfered both sides 25 cm	10.500.012	1		10	
Coarse Foam Roller 	yellow, rough, coreØ 48 mm					
	chamfered one side 25 cm	10.500.003	1		10	
	chamfered both sides 25 cm	10.500.013	1		10	
	Radiator Roller, coreØ 17 mm					
10 cm	15.600.002	10		100		

Painter and Plasterer

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Burnt Coarse Foam Roller



yellow, rough foam, chamfered both sides for seamless working, coreØ 48 mm

25 cm	10.700.001	1	10
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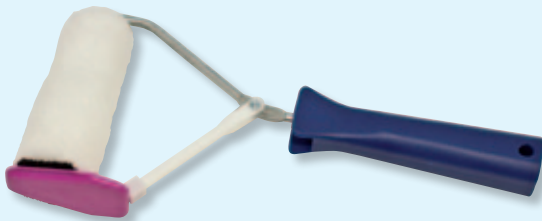
Flocked Polyester Foam Roller



superfine foam, flocked, chamfered both sides coreØ 48 mm

chamfered one side			
18 cm	10.726.018	1	10
25 cm	10.726.025	1	10
Radiator Roller coreØ17 mm			
10 cm	15.610.000	10	100
chamfered both sides			
18 cm	10.725.018	1	10
25 cm	10.725.025	1	10

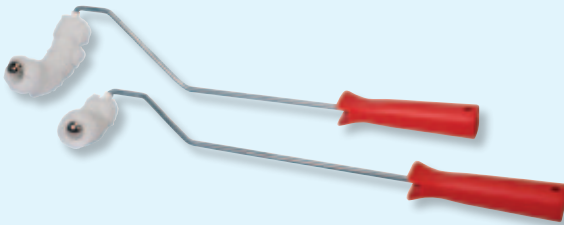
Linomat Patent Roller



Polyamide Roller with edge protection incl. handle, for quick and easy colour separation and limiting, suitable for every substrate (in- and outside)

10 cm	18.100.010	1	10
replacement roller 10 cm	18.110.010	1	10
replacement plate	18.120.000	1	10

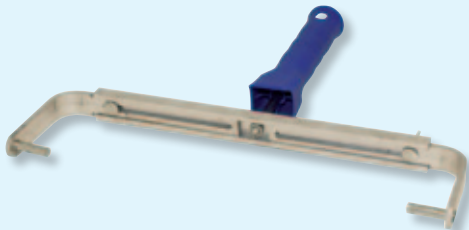
Pipe roller



polyamide pile, with handle, for quick and easy painting of pipes

pipes with Ø 60 mm	15.700.060	1	
replacement roller Ø60 mm	15.710.060	1	
pipes with Ø100 mm (25cm)	15.700.100	1	
replacement roller 100 mm	15.710.100	1	
pipes with Ø200 mm	10.785.025	1	
replacement roller Ø200 mm (25 cm)	10.785.225	1	

Roller Handle Economy



fits roller

32-50 cm	15.900.040	1	
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Roller Handle Professional




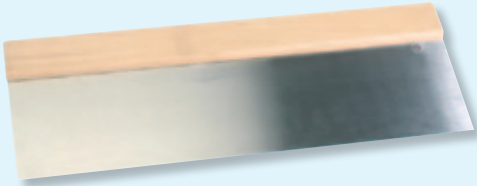






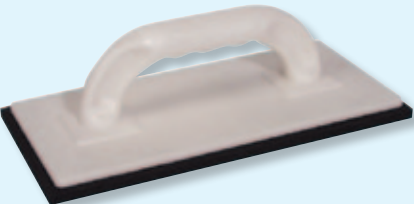
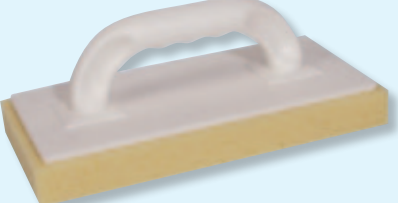
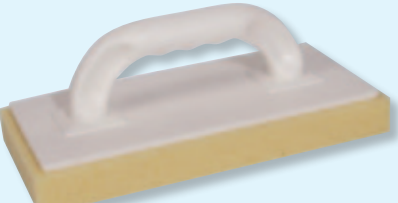

fits roller


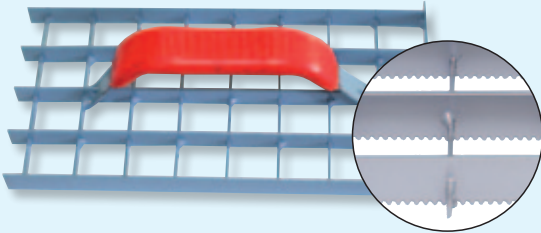


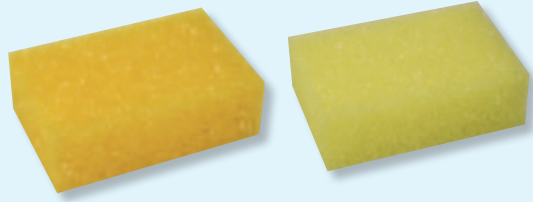

40-60 cm	15.900.050	1	
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Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Roller Handle Ø8 mm 	fits roller					
	7 cm	15.900.807	5		20	
	12 cm	15.900.812	5		20	
	18 cm	15.900.818	5		20	
	25 cm	15.900.825	5		20	
Roller Handle XXXL 	fits roller					
	50 cm	15.900.250	1			
	70 cm	15.900.070	1			
	100 cm	15.900.100	1			
Radiator Roller Handle Ø 6 mm 	length					
	28 cm	15.910.028	5		20	
	40 cm	15.910.040	5		20	
	55 cm	15.910.055	5		20	
	for 5 cm wide Radiator Roller 15 cm	15.910.005	5		10	
Grid 	plastic 18x21 cm	10.900.210	10			
	plastic 27x29 cm	10.900.290	10			
	metal 26x30 cm	10.900.300	10			
Paint Tray 	15x29 cm	10.910.329	10			
	31x35 cm	10.910.350	10			
	31x47 cm	10.910.470	10			
Paint Bucket 	solvent resistant, stackable, 12 Litre					
	38x26x20 cm	10.920.012	5			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Swiss Trowel 	stainless steel, blade thickness 0,75 mm, untreated wooden handle					
	13x48 cm	20.101.004	1		10	
Trowel 	blade thickness 0,75mm, untreated wooden handle, 13x28 cm					
	carbon steel	20.100.001	3		30	
	stainless steel	20.101.001	3		30	
	stainless steel, chamfered edges	20.101.128	3		30	
Plastic Trowel 	plastic handle and plastic sheet 13x28 cm					
	blade thickness					
	2 mm	20.150.002	3			
3 mm	20.150.003	3				
Brick Trowel 	stainless, untreated wooden handle, blade thickness 1,1 mm					
	16 cm	20.751.016	3			
	18 cm	20.751.018	3			
Plasterer Trowel 	stainless, blade thickness 0,75 mm, untreated wooden handle					
	12 cm	20.600.120	3			
	14 cm	20.600.140	3			
Margin Trowel 	stainless, blade thickness 0,75 mm, untreated wooden handle					
	3 cm	20.800.003	3		10	
	4 cm	20.800.004	3		10	
Cat's Tongue Trowel 	stainless, blade thickness 0,75 mm, untreated wooden handle					
	14 cm	20.700.140	3			
	5 cm	20.800.005	3		10	
	6 cm	20.800.006	3		10	
	8 cm	20.800.008	3		10	
10 cm	20.800.010	3		10		

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Tongue Trowel 	stainless, blade thickness 0,75 mm, untreated wooden handle					
	16 cm	20.710.160	3			
Corner Trowel 	stainless, blade thickness 0,75 mm, untreated wooden handle					
	inner corner trowel	20.851.080	3			
	outer corner trowel	20.852.080	3			
Flex-Duo Spatula 	stainless, blade thickness 0,3 mm, screwed and untreated wooden handle					
	15,5 cm	20.129.155	1			
	20 cm	20.129.200	1			
	27 cm	20.129.270	1			
	30 cm	20.129.300	1			
	35 cm	20.129.350	1			
Single Blade Spatula 	Height 15 cm, waxed wooden handle					
	20 cm	20.130.020	1			
	30 cm	20.130.030	1			
	40 cm	20.130.040	1			
	50 cm	20.130.050	1			
Spatula Japanese Style 	11cm high, Set with 5,8,10,12 cm beam					
	stainless	20.131.512	3		10	
	plastic	20.131.614	3		10	
Painters Spatula Economy 	varnished handle, flexible sheet					
	4 cm	20.404.004	3			
	6 cm	20.404.006	3			
	8 cm	20.404.008	3			
	10 cm	20.404.010	3			
Painters Spatula Professional 	made from hardened steel, stronghold sheet, conical abraded, with wooden handle					
	4 cm	20.402.114	3			
	6 cm	20.402.116	3			
	7 cm	20.402.117	3			
	8 cm	20.402.118	3			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Latex Float 	Dimension 280x140 mm					
	thickness 20 mm	20.150.090	1			
	replacement plate	20.150.091	3			
Cellular Caoutchouc Float 	Dimension 280x140 mm					
	thickness 10 mm	20.150.050	1			
	replacement plate	20.150.051	3			
Hydro Sponge Float 	Dimension 280x140 mm					
	smoothed surface					
	thickness 30 mm	20.150.060	1			
	replacement hydrosponge	20.150.061	3			
	screened surface					
thickness 30 mm	20.151.050	1				
replacement hydrosponge screened	20.151.051	3				
„Hydro“ Sponge Float Velcro 	Dimension 280x140 mm					
	screened surface					
	thickness 30 mm	20.151.060	1			
	replacement	20.151.061	3			
Sponge Rubber Float 	Dimension 280x140 mm					
	structure: coarse					
	thickness 10 mm	20.150.071	1			
	10 mm replacement coarse	20.150.072	3			
	20 mm replacement fine	20.150.082F	3			
	20 mm replacement coarse	20.150.082G	3			
PU Float 	particularly light, does not absorb water					
	24x12 cm	20.151.012	1			
	28x14 cm	20.151.014	1			
	32x18 cm	20.151.018	1			
	36x20 cm	20.151.020	1			
	42x22 cm	20.151.022	1			
	48x24 cm	20.151.024	1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Wooden Float 	multi-layered wood					
	24x12 cm	20.161.012	1			
	28x14 cm	20.161.014	1			
	32x18 cm	20.161.018	1			
	36x20 cm	20.161.020	1			
	42x22 cm	20.161.022	1			
Floating Tool Rabot 	Dimension 285x140 mm, grid size 30x30 mm					
	smooth	40.285.140	1			
	toothed	40.289.140	1			
Viscose Sponge 	highly hygroscopic and high fluid absorption, chemical and acid resistant					
	150x110x35mm	21.150.035	3			
Hygroscopic Sponge 	for cleaning tiles after grouting, extreme hygroscopic foam					
	165x110x65 mm	21.160.070	3			
Sponge for Epoxy 	for epoxy grouting, made of coarse foam					
	150x100x50 mm					
	hard	20.450.001	3			
	extra hard	20.450.002	3			
Combi Sponge 	one side with hard and coarse-pored quality, other side with soft and fine-pored quality					
	160x110x60 mm	20.450.005	3			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Scraper 	blade thickness 0,5 mm, with wooden handle for stick holder (ref. 30.300.028)					
	carbon steel					
	40 cm	20.000.040	3	10		
	50 cm	20.000.050	3	10		
	60 cm	20.000.060	3	10		
	stainless					
40 cm	20.000.041	3	10			
50 cm	20.000.051	3	10			
60 cm	20.000.061	3	10			
Scraper rounded edges 	stainless, blade thickness 0,4 mm					
	40 cm	20.005.041	1			
	50 cm	20.005.051	1			
60 cm	20.005.061	1				
Facade Scraper flexible 	stainless, blade thickness 0,4 mm, flexible steel blade and 2K ergo-grip					
	flexible					
	40 cm	29.114.400	1			
	50 cm	29.114.500	1			
	60 cm	29.114.600	1			
	non flexible					
40 cm	29.116.400	1				
50 cm	29.116.500	1				
60 cm	29.116.600	1				
Stick Holder toothed rim 	adjustable slope					
		29.115.000	1			
Adjustable Stick with female screw 	for ref. 29.115.000					
	adjustable from-to 1,10-2,00 m	29.115.210	1			
Stick Holder 	with wing screws					
	for sticks Ø28 mm	30.300.028	5	10		
	with link	30.300.027	1	5		
Knee Adapter 	with American thread, fits only ref. 30.310.310					
		30.300.026	3			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Scissor 	Economy stainless 11" (Import) stainless 11"	30.206.011	1			
Scissor 	Professional (Made in Solingen-Germany) stainless 11"	30.205.011	1			
Scissor with micro teeth 	particularly suitable for fiberglass, total length 10" / 260mm, weight 330 gr 10"	30.207.011	1			
Cutter Knife 	pistol handle, with snap-off blade blade width 18 mm	40.000.000	12	48		
Cutter Knife with metal guideline 	with snap-off blade blade width 18 mm	40.000.400	12			
Cutter Knife with metal guideline and lock wheel 	with snap-off blade blade width 18 mm	40.000.200	24			
Replacement Blade 	blade width 18 mm 10 blades per box price per box	40.000.001	1			

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

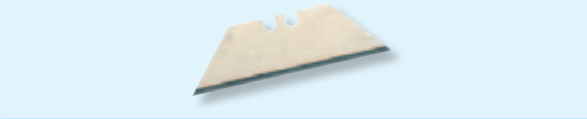
Automatic Knife



incl. 10 trapezoidal knives, blade change trough button, automatically blade transport, suitably also for hook blades

40.000.010	1		
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Replacement Blade



Trapezoidal blades for automatic knife

10 blades per box price per box

40.000.011	1		
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Replacement Blade



Hook blades for automatic knife

10 blades per box price per box

40.000.012	1		
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

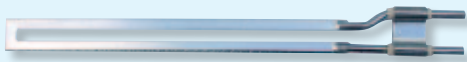
Polystyrene Cutter



up to 160mm plate thickness and profile cuttings, with plastic case
 Delivery with 140mm blade , after 10 sec. ready to cut, power cable 3 m,
 with hanger

29.200.140	1		
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Replacement Blade



for polystyrene cutter ref. 29.200.140

blade straight for plates
 up to 140 mm
 up to 160 mm

29.200.141	1		
29.200.161	1		



half-round blade for grooves
 14 mm
 20 mm
 26 mm

29.200.214	1		
29.200.220	1		
29.200.226	1		



20 mm adjustable depth

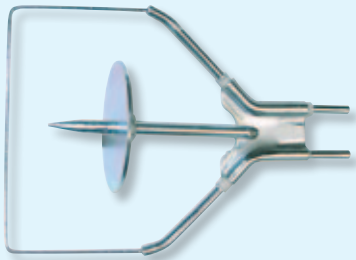
29.200.222	1		
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Blade for 20 mm grooves, rectangular,
 adjustable depth

29.200.228	1		
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Hole Cutter



for ref 29.200.140
 cutting holes Ø68 mm,
 max. depth 61 mm

29.200.268	1		
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Styrene saw



with plastic handle; for self adhesive grinding blades. especially suitable for grin-
 ding of -styrene plates

380 mm	29.250.310	1		
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Painter and Plasterer

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Styrene Plates Grinding Tool 	with plastic handle; for self adhesive grinding blades. especially suitable for grinding of -styrene plates					
	480x240 mm	29.250.480	1			
	replacement blade	29.251.480	1			
Tin Snips 	right	29.740.410	1			
Bolt Cutter 	450 mm	29.744.450	1			
Plasterboard Lifter 	contact surface: 140x55 mm					
	height 565 mm	29.305.565	1			
Plasterboard Lifter 	contact surface: 140x55 mm					
	length 305 mm	29.300.030	1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Plaster Plane 	made of metal					
	250 mm	29.265.250	1			
	replacement blade	29.265.251	1			
Plaster Plane edge cutter 	made of metal, with exchangeable trapezoidal blade					
	335 mm	29.269.240	1			
	replacement blade	29.269.245	1			
Spatula with screw driver 	with bit and 2-K grip					
	40x150 mm	29.550.240	1			
Drywall Saw 	2-K grip					
	15 cm	29.610.150	1			
Mineral Rock Wool Knife 	double edged with saw (for hard, thick material) – and serrated blade (for soft material), stainless					
	28 cm	29.250.028	1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Aerated Concrete Saw Economy 	with inductively hardened teeth 70 cm	29.615.700	1			
	Aerated Concrete Saw Professional 	with 17 carbide teeth 75 cm	29.615.750	1		
Hammer Tacker 	for staples from 4 to 6 mm	29.420.010	1			
	Box with 6 mm staples 5000pcs, price per box	29.420.015	1			
Allround Hand Hammer Tacker 	with high punch, - for staples 4 - 8 mm	29.410.001	1			
	Replacement staples 	Box with 6 mm staples 6000 pcs. price per box	29.410.006	1		
Box with 8 mm staples 5000 pcs. price per box		29.410.008	1			

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Arenga/Elaston Broom

Broom with Arenga/Elaston mix, especially suitable for removing sand, bristle length 75 mm

completely equipped				
50 cm	30.000.050	3		10
60 cm	30.000.060	3		10
compl. equipped prepared to adjust a metal stick holder (wing screws)				
50 cm	30.001.050	3		10
60 cm	30.001.060	3		10
extra completely equipped, with metal stick holder				
50 cm	30.002.050	3		10
60 cm	30.002.060	3		10

Hand Brush Arenga

bristle length 75mm

28 cm	30.001.028	3		10
43 cm	30.045.028	3		10

Elaston Broom

Broom with Elaston bristle (1,6 mm) bristle length 100 mm

40 cm	30.020.040	3		10
50 cm	30.020.050	3		10
60 cm	30.020.060	3		10

Bahia - Elaston Broom

fully equipped bristle length 110 mm

40 cm	30.040.040	3		10
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Elaston Broom

with stick holder and scratch sheet bristle length 75 mm

40 cm	30.050.040	3		10
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Piassava Broom

with stick hole, bristle length 100mm

40 cm	30.060.040	3		10
50 cm	30.060.050	3		10

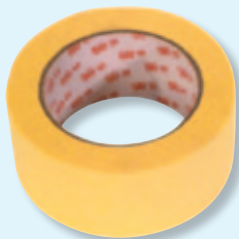
Painter and Plasterer

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Hall Broom 	fine, soft bristles, with metal stick holder, bristle length 68 mm 50 cm	30.000.051	3	10		
	Fine Hair Hand Brush 	bristle length 55mm 30 cm	30.001.030	3	10	
Cocos Broom 	bristle length 75 mm 30 cm	30.010.030	3	10		
	40 cm	30.010.040	3	10		
	50 cm	30.010.050	3	10		
	60 cm	30.010.060	3	10		
	Cocos Hand Brush 	bristle length 75mm 28 cm	30.001.029	3	10	
Arenga Broom 	bristle length 75 mm 30 cm	30.030.030	3	10		
	50 cm	30.030.050	3	10		
	60 cm	30.030.060	3	10		
	Dust Pan 	black varnished, wooden handle 22 cm	30.002.022	1	10	
Wire Broom 	30 cm	30.100.030	3			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Wire Hand Brush 	5-row 30 cm	30.101.030	3			
Wire Scrubbing Brush 	width 22 cm	30.101.022	3			
Brass Wire Brush 	with plastic handle 1-row	30.102.001	1			
Wire Brush 	Ø0,31 mm, straight 2-row 4-row	30.102.002 30.102.004	1 1			
Wire Brush stainless 	Ø0,31 mm, straight 2-row 3-row 4-row	30.102.012 30.102.013 30.102.014	1 1 1			
Wire Brush stainless 	Ø0,31 mm, corrugated 2-row 4-row	30.112.012 30.112.014	1 1			
Floor Scraper 	with struts width 30 cm replacement blade replacement stick	30.200.030 30.201.030 30.201.000	1 1 1			
Scraper 	sheet thickness 1,75 mm, with chamfer, stick and D-handle 8 cm	30.200.008	1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Scaling Spatula	sheet thickness 1,15 mm, stabile, chamfered blade					
	5 cm	20.410.005	1			
	7 cm	20.410.007	1			
Spatula	sheet thickness 1,5 mm, blue blade with chamfer, total length approx. 40 cm					
	7 cm	30.203.007	1			
Paint Scraper	blade made of carbide, 2-K grip					
	50 mm	30.213.050	1			
	replacement blade import					
	50 mm	30.213.051	10			
	top replacement blade Made in Germany					
	50 mm	30.213.052	3			
Paint Scraper	with knop to increase pressure, 2-K grip					
	64 mm	30.213.064	1			
	replacement blade					
	64 mm	30.213.065	3			
Shovel round	Frankfurt type					
	oil hardened	30.300.030	3		10	
Shovel flat	Holstein type					
	oil hardened	30.300.031	3		10	

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Shovel Handle	ash tree shovel handle, acc. DIN 20151					
	1,30 m	30.300.038	3		10	
Plastic Hand Scoop	capacity approx.:					
	0,7 L	30.401.007	1			
	1,1 L	30.401.011	1			
Plastic Hand Scoop Round	capacity approx.:					
	0,45 L	30.410.005	1			
	0,6 L	30.410.006	1			
	1,0 L	30.410.010	1			
Aluminium Hand Scoop	capacity approx.:					
	0,7 L	30.400.005	1			
	1,1 L	30.400.010	1			
	1,7 L	30.400.017	1			
Scatter Tube	made of plastic, 20 l, with one carrying strap					
	for ca. 25 kg sand	30.500.010	1			
	Carrying Strap	30.500.015	1			
Extending/Telescopic Bar – aluminium						
	1x60 cm	30.300.060	3			
	2x1,00 m with Clip	30.300.200	3			
	2x1,50 m with Clip	30.300.300	3			
	3x1,00 m with thread	30.310.310	3			
Sticks	wood					
	Ø 24 mm					
	1,40 m	30.324.140	5			
	1,40 m with metal thread	30.324.141	5			
	1,50 m	30.324.150	5			
	Ø 28 mm					
	1,50 m	30.300.150	5			
2,00 m	30.300.228	5				

Masking Tape Indoor Professional 80°C


impregnated, tear proof and tough crepe paper, coated with a soft modified natural rubber glue of good adhesive strength (solvent resistant) and ageing resistance, temperature resistant up to 80°

38 mm x 50 m	70.100.038	6	24
50 mm x 50 m	70.100.050	6	24

Masking Tape Indoor Economy 60°C


low budget smooth tape with good adhesive performance, impregnated, tear proof crepe paper, coated with a soft synthetic rubber glue (solvent free) use only for short time, temperature resistant up to 60°

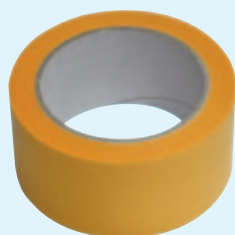
19 mm x 50 m	70.110.019	8	48
25 mm x 50 m	70.110.025	6	36
30 mm x 50 m	70.110.030	5	30
38 mm x 50 m	70.110.038	4	24
50 mm x 50 m	70.110.050	4	24

Masking Tape Outdoor


a high-quality crepe tape, coated with a special acrylic glue (solvent resistant).

The tape is moisture and heat resistant and persistent to ultraviolet light. Up to 14 days outdoor use and can be removed without leaving any residue

19 mm x 50 m	70.120.019	12	48
25 mm x 50 m	70.120.025	6	36
38 mm x 50 m	70.120.038	4	24
50 mm x 50 m	70.120.050	4	24

Japanese Masking Tape



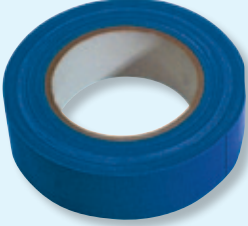

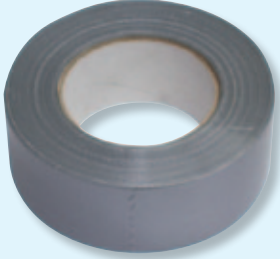
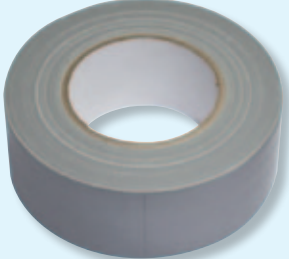
gold-yellow/orange, coated with especially suitable acrylic glue heat resistant, UV-resistant up to 4 weeks, extremely thin for sharp edges during varnishing and painting

19 mm x 50 m	70.130.019	2	48
25 mm x 50 m	70.130.025	2	36
38 mm x 50 m	70.130.038	2	24
50 mm x 50 m	70.130.050	2	24

PVC Masking Tape


smooth, high stretchable plastic tape, highly UV-resistant, can be used outdoor up to 6 weeks

yellow			
30 mm x 33 m	70.200.030	4	60
50 mm x 33 m	70.200.050	4	36
white			
30 mm x 33 m	70.210.030	4	60
38 mm x 33 m	70.210.038	4	48
50 mm x 33 m	70.210.050	4	36

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
PE Masking Tape Outdoor	high UV-resistance, no residue on glass or window frames, max temp. 60°C					
	UV-resistance 14 days 48 mm x 50 m	70.314.048	2		36	
	UV-resistance 30 days 38 mm x 50 m	70.330.038	2		24	
	48 mm x 50 m	70.330.048	2		24	
Universal Cloth Tape Standard	heavy duty, oil resistant, tear- and water proofed cloth tape, PE-coated cloth, coated with a special natural rubber glue, for smooth surfaces, UV-resistant up to 14 days, even at low temperatures					
	38 mm x 25 m	70.700.338	4		32	
	50 mm x 25 m	70.700.050	4		24	
Universal Cloth Tape Premium	heavy duty, tear- and waterproof, PE-coated cloth (high mash), coated with a special natural rubber glue of high UV stability and tackiness, even at low temperatures					
	38 mm x 50 m	70.703.038	4		36	
	50 mm x 50 m	70.703.050	4		24	
Duct Tape Standard	PE-coated, very adhesive, for rough surfaces, medium cloth texture, synthetic rubber, do not apply an aluminium and plastic, 200 µm					
	38 mm x 50 m	70.701.138	4		32	
	48 mm x 50 m	70.701.150	4		24	
Duct Tape Premium	PE-coated, very adhesive, for rough surfaces, high cloth texture, natural rubber adhesive, do not apply on aluminium and plastic, 2 weeks UV-protection 300 µm					
	38 mm x 50 m	70.702.038	4		30	
	50 mm x 50 m	70.702.050	4		24	

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Wire-Cloth Masking Tape



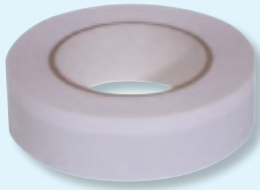
non stretching PVC-tape, at one edge reinforced with a wire for extra flat edges after coating

50 mm x 33 m

70.799.025

1

DuoTape white



adhesive on both sides, on the backside with an adhesive-free edge 35 mm

25 mm x 25 m

70.900.025

1

48

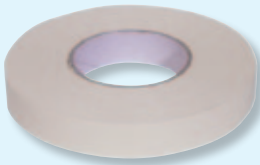
35 mm x 25 m

70.900.035

1

48

Double Cloth Masking Tape



double-sided adhesive, with cloth inlay

25 mm x 50 m

70.912.025

1

12

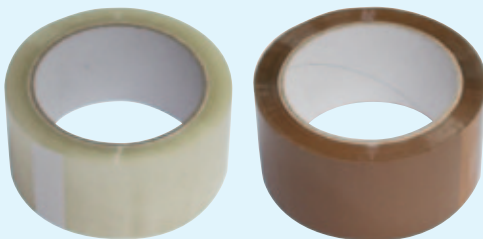
50 mm x 50 m

70.912.050

1

6

Packing Tape



low noise, 0,28µ water based acrylic glue

transparent

50 mm x 66 m

70.810.010

6

36

brown

50 mm x 66 m

70.810.020

6

36

Hand-Held Tape Dispenser



30.750.050

1

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Bond+Cover 	folded masking film with a blue strip UV-resistant, thick cloth tape for rough surfaces					
	55 cm x 20 m	70.920.055	5		30	
	1,10 m x 20 m	70.920.110	5		30	
	1,40 m x 20 m	70.920.140	1		30	
	1,80 m x 20 m	70.920.180	1		30	
	2,70 m x 17 m	70.920.270	1		30	
Bond+Cover 	folded masking film with a strip crepe masking tape for smooth surfaces, indoor use only					
	30 cm x 20 m	70.921.030	5		60	
	55 cm x 20 m	70.921.055	5		60	
	1,10 m x 20 m	70.921.110	5		40	
	1,80 m x 20 m	70.921.180	1		30	
	2,70 m x 17 m	70.921.260	1		30	
Bond+Cover Paper 	folded paper with crepe masking tape					
18 cm x 25 m	70.922.180	10		60		
Tack Foil 	slightly tacky cover, blue and clear LDPE sheet, leaves no marks if removed, thickness 0,05mm					
	25 cm x 100 m	70.942.025	1			
	50 cm x 100 m	70.942.050	1			
	1 m x 100 m	70.942.100	1			
Covering Sheet (thin) 	thickness 0,01mm, rolls are folded to 1 m					
2 m x 100 m	40.807.200	1		3		

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Deep Hole Marker 	Marking and writing tool with perm. ink, Can be washed off of smooth surfaces with alcohol Stainless steel telescopic tip, for hard to reach areas, thickness Ø1,4 mm black blue red	30.995.003 30.995.005 30.995.004	1 1 1			
Deep Hole Marker 	Marking and writing tool with permanent ink, Can be washed off of smooth surfaces with alcohol Stainless steel telescopic tip (self retracting), for hard to reach areas and all surfaces, with 3 standard colours with Ø2,8 mm	30.995.010	1			
Deep Hole Replacement Marker 	Pica Dry Replacement 2 Stck. – RED 2 Stck. – YELLOW 4 Stck. – GRAPHITE	30.995.110	1			
Wax Mark-Chalks 	Pack with 12 pcs yellow blue red crayon holder	40.250.001 40.250.002 40.250.003 40.251.025	1 1 1 1			
Carpenter's pencil 	good quality	40.230.025	5			
Chalk Reel 	Made of metal 30 m	40.260.001	1			
Mason's Lacing Cord 	yellow-fluorescent, 100 m Ø 2 mm, green, 50 m, highly tear-resistant, Ø 1,7 mm red, 100 m, highly tear-resistant, Ø 1,7 mm	40.260.005 40.260.006 40.260.010	1 1 1			

Painter and Plasterer

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Pigment Powder 	blue					
	250 g	40.260.250	1			
	500 g	40.260.500	1			
	red					
	250 g	40.260.251	1			
	500 g	40.260.501	1			
Barrier Tape 	made of Polyethylene, both sides red/white, in cardboard box					
	80 mm x 500 m	40.400.580	1			
Ratchet Tie Down 	made of Polypropylene, tensile strength 100daN					
	35 mm x 4 m	41.035.004	1			
	35 mm x 6 m	41.035.006	1			
	35 mm x 8 m	41.035.008	1			
Stretch Foil 	0,023 mm thick foil					
	50 cm x 300 m	40.820.055	1		6	
Waste Bag 	80 µm, 15 pcs/role, 120 litre, 70x110cm					
	transparent	40.410.120	1			
	blue	40.400.120	1			
PP-Sacks woven 	with top seam, suitable for rubble, white					
	max. load 15 kg 400x600 mm	40.410.015	10			
	max. load 50 kg 600x1050 mm	40.410.050	10			

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Line Marking Applicator


4 wheels twin, Line width 55-75-100mm, Specifically designed with Easyline® paint, Crisp, clear lines every time, easy to assemble, each applicator has a lifetime guarantee incl. carrier case

45.000.100	1		
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Line Marking Hand Applicator


pistol for aerosol line marking paint

45.000.001	1		
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Aerosol marking paint


on acryl resin base for professional workers suitable also for over head use

orange	45.060.006	1	12
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Aerosol line marking paint


Content 750ml ranges for about 100m long and 5cm wide line A 'Traffic-grade' epoxy paint for unrivalled durability Lasts 2.5 times longer than the best competitor* making it the most effective aerosol paint money can buy Dries in 10 minutes, reducing costly 'down-time

white (RAL9016)	45.010.001	1	6
yellow (RAL 1022)	45.010.002	1	6
red (RAL 3020)	45.010.003	1	6
blue (RAL 5017)	45.010.004	1	6
green (RAL 6024)	45.010.005	1	6
orange (RAL 2009)	45.010.006	1	6
black (RAL 9017)	45.010.007	1	6
light grey (RAL 7045)	45.010.008	1	6

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Template



65pcs
1x A - Z , 2x L, N, P, S, 3x A, E, O Numbers 2x 0 - 9,
also arrows 1x straight 1x L bow

height			
150 mm	45.090.001	1	
300 mm	45.090.003	1	

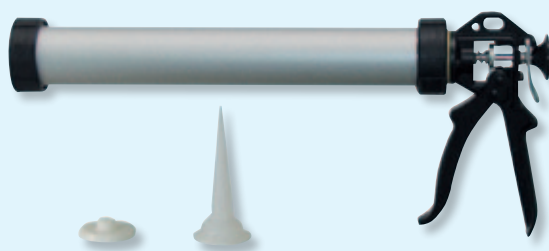
Handicap Template



made of plastic

66,1 x 55,9 cm	45.090.004	1	
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Cartouche pistol

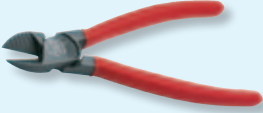









for seal bags and cartridges

320 ml	30.600.320	1	
600 ml	30.600.600	1	
replacement spare pointed	30.600.601	10	
replacement plate	30.600.602	10	
replacement ring	30.600.603	10	

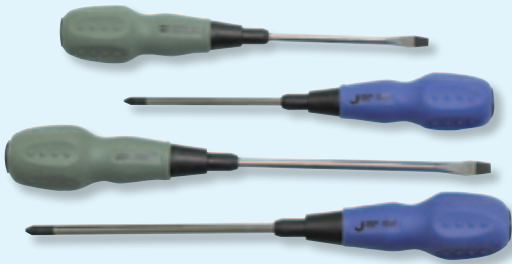
Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Wrecking bar hexagonal 18mm 	50 cm	30.800.051	1			
Wrecking Bar flat 	450x6x35 mm	30.800.045	1			
Cross Peen Hammer 	with ash handle and impact protection, acc. DIN 1041 300 g 500 g	30.800.003 30.800.005	1 1			
Club Hammer 	with ash handle 1000 g	30.800.001	1			
Pointed Chisel 	made of chrome-vanadium steel , hardened and annealed acc. DIN 7256 Ø 14 mm, 20 cm Ø 16 mm, 20 cm Ø 16 mm, 25 cm	30.820.014 30.820.016 30.825.016	1 1 1			
Mason's Chisel 	made of chrome-vanadium steel , hardened and annealed acc. DIN 7256 Ø 14 mm, 20 cm Ø 16 mm, 20 cm Ø 16 mm, 25 cm	30.920.014 30.920.016 30.925.016	1 1 1			
F-Clamp 	malleable iron, span 30 cm, throat depth 12 cm, heavy stabile arms, wooden handle, bar thickness 30x8 mm Made in Germany Import	30.881.030 30.881.130	1 1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Waterpump Pliers 	chrome-vanadium steel, forged, with trapping protection, with dip-paint isolated grip, effortless length: 240 mm, Made in Germany	30.890.240	1			
Pincer Professional 	Made in Germany 200 mm	30.896.200	1			
Pincer Economy 	Import 200 mm	30.896.210	1			
Tower Pincer Professional 	Knipex, with dip-paint isolated grip, mouth 20 mm, Made in Germany 250 mm	30.895.250	1			
Tower Pincer Economy 	Import 220 mm	30.895.220	1			
Comb Pliers Professional 	chrome-vanadium steel, HRC 58-62 acc. DIN 5746 180 mm	30.850.018	1			
Comb Pliers Economy 	Import, chromed matt 180 mm	30.855.018	1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Side Cutting Nipper Professional 	Inductive hardened precision cutting edges, for hard and soft wire, special tool steel forged and oil hardened acc. DIN5749, Made in Germany 160 mm chrome-vanadium steel, HRC 58-62, acc. DIN 5749 180 mm	30.860.160	1			
	30.860.180	1				
Side Cutting Nipper Economy 	chromed matt 160 mm	30.861.160	1			
VDE Enzo-Tester 	testing 220-250 Volt 190 mm	30.930.190	1			
VDE Voltage Testerr 	100 mm	30.935.100	1			
Non-Contact-Voltage Detector 	suitable for non-contact AC voltage tests, Bright red LED illumination on detection of AC voltage. Double insulated. With handy pocket clip. SPECIFICATIONS: Voltage detection range: 70-1,000V AC, Operating temperature: -10° to +50°, Frequency range: 50 to 500Hz, Indicator: Visual LED indicator, Installation category: CAT III, Power supply: 2 x 1.5V AAA batteries (not supplied)	30.935.210	1			
Cables Ties 	transparent price per pack (100 pcs)					
	75 x 2,4 mm	30.925.080	1			
	100 x 2,5 mm	30.925.100	1			
	150 x 2,5 mm	30.925.150	1			
	200 x 2,5 mm	30.925.200	1			
	300 x 3,6 mm	30.925.300	1			
	370 x 4,8 mm	30.925.370	1			
	430 x 4,8 mm	30.925.430	1			
price per pack (50 pcs) 500 x 8,0 mm	30.925.500	1				
Screwdriver Set 5pcs 	steel S2, HRC 56-60, 1000 Volt, red PPN-grip slot: blade length: 75 mm blade: 3,0 / 100 mm blade: 4,0 / 125 mm blade: 5,5 cross: blade length: 80 mm blade PH1 / 100 mm blade PH2	30.880.115	1			
Screwdriver Set 7pcs 	CV-blade, 1000 Volt, red PPN-grip slot: blade length: 75 mm blade: 2,5 / 100 mm blade: 4,0 / 125 mm blade: 5,5 / 150 mm blade: 6,5 cross: blade length: 80 mm blade PH1 / 100 mm blade PH2 VDE Voltage Tester	30.880.007	1			

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Screwdriver Set 4pcs



CV-Blade, Softgrip
Slot: blade length:
 100mm blade: 5,0 / 150mm blade: 6,0
cross: blade length:
 100mm blade PH1 / 150mm blade PH2

30.878.004	1		
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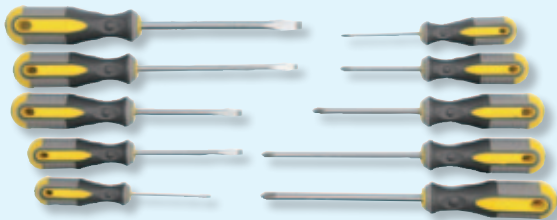
Screwdriver Set 6pcs (Wiha)



CV-Blade, black colour blade, 3 component handle, Made in Germany
Slot: blade length:
 100mm blade: 5,0 / 150mm blade: 6,0
cross: blade length:
 100mm blade PH1 / 150mm blade PH2

30.870.006	1		
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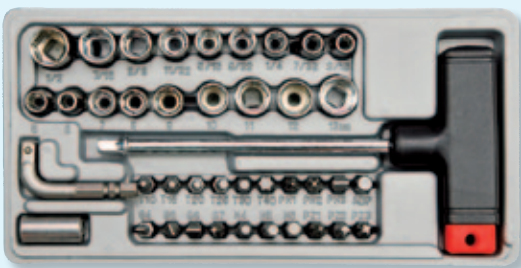
Screwdriver Set 10pcs



CrV-Blade, Softgrip
Slot: blade length:
 75 mm blade: 3,0 / 100 mm blade: 5,0 / 100 mm blade: 6,0 / 150 mm blade: 6,0
 150 mm blade: 8,0
cross: blade length:
 75 mm blade PH0 / 75 mm blade PH1 / 100 mm blade PH2 / 150 mm blade PH2
 150 mm blade PH3

30.878.010	1		
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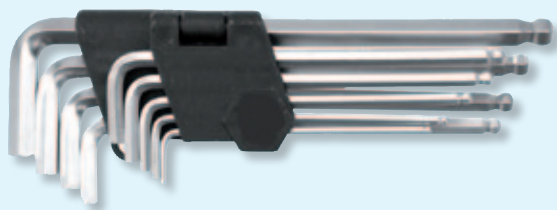
T-Grip Screwdriver Set 41pcs



CrV blade 25 mm
slot: 4/5/6/7
cross: PH1/PH2/PH
TX: T10/T15/T20/T25/T30/T40
Pozidriv: PZ1/PZ2/PZ3
hexagonal: H4/H5/H6
9 sockets: 5-13 mm 3/16"
9 sockets: 5-13 mm 1/2"

30.878.041	1		
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Hex Key Set 9pcs



2,5/3/4/5/5,5/6/7/8/10

30.878.009	1		
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Socket Driver Set 94-piece 1/2" 1/4"



- 1/2": 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm (L=38 mm); 27, 30, 32 mm (L=42 mm);
- 1/4": 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm (L=25 mm); CrV 50BV30;
- 1/2": 14, 15, 17, 19 mm (L=76 mm); 1/4": 6, 7, 8, 9, 10, 11, 12, 13 mm (L=50 mm); CrV 50BV30;
- 1/2" (127, 254 mm); 1/4" (50.8, 101.6 mm); CrV 50BV30;
- 3/8"(F) x 1/2"(M); CrV 50BV30; 1/4" (150 mm); CrV;
- 1/2", 1/4"; CrV 50BV30; 1/2": 16, 21 mm; CrV 50BV30;
- 1/4" (152 mm); CrV 50BV30;
- 1/2", 1/4"; 72T; CrV 6140; 1/4" (150 mm); CrV 50BV30;
- 5/16": 8, 10, 12, 14 mm (L=30 mm); AISI S2; 1/4": T8, T10, T15, T20, T25, T30; AISI S2 / CrV 50BV30;
- 5/16": 8, 10, 12 mm (L=30 mm); AISI S2; 1/4": 3, 4, 5, 6 mm; AISI S2 / CrV 50BV30;
- 5/16": PH3, PH4 (L=30 mm); AISI S2; 1/4": PZ1, PZ2; AISI S2 / CrV 50BV30;
- 5/16": PZ3, PZ4 (L=30 mm); AISI S2; 1/4": PH1, PH2; AISI S2 / CrV 50BV30;
- 5/16": T40, T45, T50, T55 (L=30 mm); AISI S2; 1/4": 4, 5.5, 7 mm; AISI S2 / CrV 50BV30;
- 1/2"x5/16"; CrV 50BV30; 1/4"x1/4"; CrV 50BV30; 1.5, 2, 2.5 mm; CrV 6150

30.900.094	1		
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HSS Steel Drill Set Ø1,0-13 mm



25pcs in Steelcase

- profile grounded
- rolled

30.878.013	1		
30.879.013	1		

HM Concrete Drill Set Ø3,0-10,0 mm



8pcs in plastic case, for concrete and stone

30.880.010	1		
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Hammer Drill & Chisel Set SDS-Plus



17 pcs in case

- 1x pointed chisel 140 mm
- 1x pointed chisel 250 mm
- 1x mason's chisel 140 mm
- 1x mason's chisel 250 mm
- 1x spade chisel 250x40 mm each
- 1x SDS drill 5-6-8-10x160 mm each
- 1x SDS drill 6-8-10-12x160 mm each
- 1x SDS drill 8-10x210 mm each
- 1x SDS drill 12-14x260 mm

30.889.017	1		
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Painter and Plasterer

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair	
Hammer Drill SDS-Plus	for concrete, stone, granite, reinforcement, walled, drill: S4, direction: right						
	Ø 6,0 mm length 160 mm	34.772.060	1				
	Ø 8,0 mm length 160 mm	34.772.080	1				
	Ø 10,0 mm length 160 mm	34.772.100	1				
	Ø 12,0 mm length 160 mm	34.772.120	1				
	Ø 14,0 mm length 160 mm	34.772.140	1				
	Ø 16,0 mm length 160 mm	34.772.160	1				
	Ø 10,0 mm length 450 mm	34.772.410	1				
	Ø 12,0 mm length 450 mm	34.772.412	1				
	Ø 14,0 mm length 450 mm	34.772.414	1				
	Ø 16,0 mm length 450 mm	34.772.416	1				
	Ø 18,0 mm length 450 mm	34.772.418	1				
	Ø 20,0 mm length 450 mm	34.772.420	1				
							
	Hammer Drill-Set SDS-Plus	for concrete, stone, granite, reinforcement, walled drill: S4, direction: right					
	Ø 5/6/8/10 length 110 mm	34.775.604	1				
							
Pointed Chisel SDS-Plus	250 mm	34.777.125	1				
	400 mm	34.777.140	1				
							
Flat Chisel SDS-Plus	250 mm	34.777.225	1				
	400 mm	34.777.240	1				
							
Spade Chisel SDS-Plus	250x40 mm	34.777.325	1				
							
Level Chisel SDS-Plus	250 mm	34.777.425	1				
							

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

BIT Set



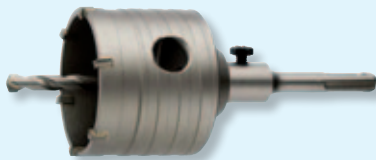
7pcs, Top quality, Made in Germany
1x magnetic holder
1x PZ1, 1x PZ2, 1x PH1, 1x PH2, 1x 0,8x5,5, 1x 1,2x6,5

30.880.017	1		
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31 pcs, Top quality, Made in Germany
1x magnetic holder;
slot: 4,5, 5,5 and 6,5 mm
TX: 10, 15, 20, 25, 30 und 40
Hexagonal: 3, 4 and 5 mm
3x PZ: 1, 2 and 3
3x PH: 1, 2 and 3

30.880.031	1		
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Carbide Tipped Core Bit



suitable for sockets/junction box,
 SDS-Plus connection
 Ø 66 mm

30.875.060	1		
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suitable for sockets/junction box,
 SDS-Plus connection
 Ø 80 mm

30.875.080	1		
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Craftsman Bag



made of Polytex, 420x150x250mm

200.42.150.250	1		
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Craftsman Bag



with tools
 1x Comb pliers
 1x Telephone pliers
 1x Diagonal cutting pliers electrician screwdriver
 6pieces acc. VDE proof; up 1000Volt; tested with 10000V, from chrome-vanadium-steel 58 CrV4, Cross screw driver from chrome-vanadium-steel 61 SiCrV5, ergonomic 2 comp. handle;
 size: 6,5x150 5,5x124 4x100 2,5x75
 Cross Screwdriver PH1 and PH2
 1 Jokari cable stripping knife
 1 Jokari wire stripper
 1 voltage tester, Made in Germany VDE proofed 125-250V
 1 Universal saw
 1 Electrician chisel 10x8x250mm Made in Germany
 1 cross peen hammer
 1 painters spatula 40mm wooden handle
 1 plastering bath
 1 carpenter pencil
 1 balance 30cm
 1 folding ruler

200.42.150.500			
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LED Head Light



17 LED, adjustable, angle of inclination, dust and splashing water protected, battery: 3x1,5V AAA without battery

99.490.017	1		
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LED Flashlight



21 LED, super bright, aluminium case, dust and splashing water protected, incl. battery and bag

99.497.021	1		
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Construction Light (~700Watt)



Extremely stable, surface-coated frame. Lights swivel and can be fixed. Comp. to halogen lights: appr. 4x brighter light, appr. 10x longer life span, appr. 10x lower temperature, appr. 4x lower electricity consumption. Break and impact resistant plastic housing. With 2 water-jet protected earthed sockets outlets 230V/16A with self-closing protective caps on the back. ON/OFF switch. Inclusive 4x55 Watt „low energy“ compact lamps. Fitting 2 G 11

Dimensions:
WxHxD 490x690x240 mm

99.454.105	1		
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Construction Light (~700Watt)



„Cold light“-work lamp., Advantage compared to Halogen Lights: approx. 4xbrighter light, approx. 10xlonger life span than usual bulb, approx. 10xlower temp., approx. 4xlower electricity consumption, possibility of high energy savings! Break and impact resistant plastic housing. With 2 sockets on the back. ON/OFF switch.Electronic ballast. With special rubber cable and water-jet protected earthed plug. Inclusive 3x36 Watt „low energy“ compact lamps.

Dimensions:
WxHxD 500x270x100 mm

99.454.108	1		
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Construction Light (~300Watt)



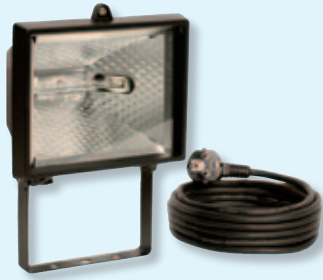
Extremely stable, surface-coated frame. Lights swivel and can be fixed. Comp. to halogen lights: appr. 4x brighter light, appr. 10x longer life span, appr. 10x lower temperature, appr. 4x lower electricity consumption. With 2 water-jet protected earthed sockets outlets 230V/16A with self-closing protective caps on the back. ON/OFF switch. Inclusive 1x55 Watt „low energy“ compact lamps. Fitting GR10q

Dimensions:
WxHxD 290x290x80 mm

99.454.110	1		
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Halogen Floodlight



(IP44) incl. 5m rubber-sheathed cable H07 RN-F, 3G 1,0mm², suitable for outdoor use, Dimension WxHxD

WxHxD 350x280x170 mm
500 Watt (11.000 Lumen)

99.400.050	1		
99.400.150	1		

WxHxD 343x250x242 mm
1500 Watt (33.000 Lumen)

Telescopic tripod

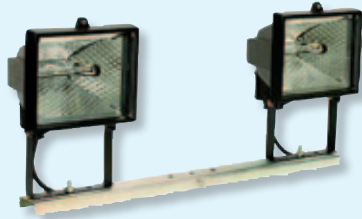


for construction lamps and halogen floodlights continuously adjustable

1,0-2,5 m

99.444.250	1		
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Crossbar

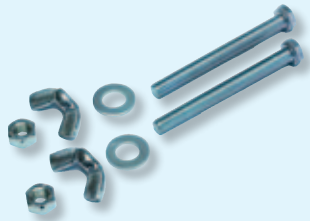


for installation of 2 halogen floodlights or construction lamps on the tripods

60 cm

99.444.002	1		
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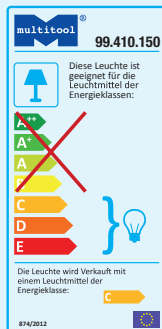
Screw Set



10 pcs. screw-set for the installation of 1 construction lamp on the suitable crossbar

99.444.010	1		
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Halogen Floodlight 1000 Watt



incl. 5m rubber-sheathed cable H07 RN-F, 3G1,0. The floodlights are made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S and a junction box with grounding terminal. All models are suitable for outdoor areas. Dimension: WxHxD 405x400x340 mm, H07RN-F 3G 1,0mm² Cable

1000 Watt

99.410.150	1		
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Halogen Floodlight Economy



multitool 99.420.500

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: **D**

874/2012

(IP44) incl. 1,5m rubber-sheathed cable H05 W-F, 3G 0,75mm². The floodlights are made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S and a junction box with grounding terminal. All models are suitable for outdoor areas. Dimension WxHxD 195x320x155 mm H05W-F 3G 0,75mm² cable

500 Watt	99.420.500	1		
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Halogen Floodlight Professional



multitool 99.420.502

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: **C**

874/2012

with 400 Watt bulb (=500W standard bulb) for permanent outside use, 5m cable H07RN-F, 3G1,0mm², stable protective lattice and a heat-resistant safety glass, large housing for better heat dissipation, leading to an increase in the life of the bulb, bulbs can be changed without using tools, Fitting R7s, Dimension WxHxD 260x360x230 mm H07RN-F 3G 1,0mm² cable

500 Watt	99.420.502	1		
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Halogen Floodlight 500Watt with mobile tripod



multitool 99.430.500

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: **C**

874/2012

tripod 0,8-1,8m 500 Watt, incl. 5m rubber cable H05 W-F, 3G 0,75mm². made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S and a junction box with grounding terminal. All models are suitable for outdoor areas. Dimension LxHxD 185x180x155mm

500 Watt	99.430.500	1		
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2 Halogen Floodlight with mobile tripod



multitool 99.430.520

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: **D**

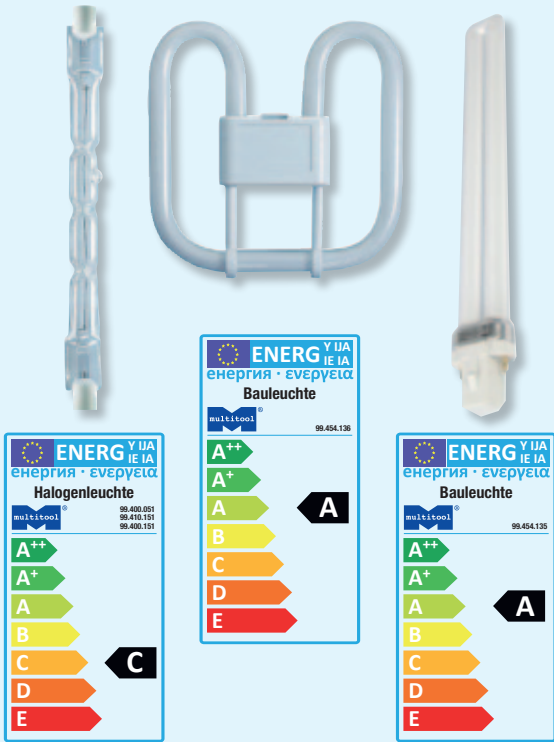
874/2012

500 Watt, incl. 3m rubber cable, made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S. Suitable for outdoor areas (IP 44). Tripod from 0,8 to 2,0m, H05W-F 3G 0,75mm² cable

2 x 500 Watt	99.430.520	1		
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Replacement Lamp



Replacement Lamp 500 Wat
for ref. 99.400.050, 99.420.500,
99.430.500,99.430.520

99.400.051 1 5

Replacement Lamp 1000 Watt
for Halogenstrahler Art. 99.410.150

99.410.151 1 5

Replacement Lamp 1500 Watt
for ref. Art. 99.400.150

99.400.151 1 5

Replacement Lamp
for ref. Art. 99.454.108

99.454.136 1

Replacement Lamp
for ref. Art. 99.454.110

99.454.135 1

LED Battery Work Lamp



With 28 extra-bright LDs with special optics.
Approx. 4-5 hours constant use when fully charged. Integrated NI MH Battery.
Inclusive 230V charger. Rubber-clad housing. 360° swivelled, retractable hanging
hook and magnetised base for optimal attachment.
ON/OFF switch

99.414.028 1

LED Battery Work Lamp



2 step operation: Large light emitting surface with 36 extra-bright LEDs and special
optics, additionally a single Power LED at lamps head for extra long operation.
Integrated rechargeable NI MH Battery. Inclusive 230V charger and 12V charger for
cars. With fully charged battery up to 4 hours operation with the large light, and up
to 12 Hours with the single light. Shockproof casing with rubberised surface.
360° swivelled, retractable hanging hook and magnetised base for optimal
attachment.
ON/OFF switch

99.414.036 1

Cable Drum 40m


Splashwater protected, protection type IPX4 Plastic cable reels with H07RN F3G1,5 according to BGI 608 Design in plastic sheet, Ergonomic handle, Plug parking position, Rotation stop switch, Steel reel connected to earth, Can be used in standing or flat position, Extremely stable thanks to low centre of gravity

40 m

31.500.040

1

Cable Drum Ø1,5 16A 30m


According to BGI 608, VDE 0100 1CEE plug 400V/16A, 2 water-jet protected sockets 230V, 1 CEE socket 400V/16A. Reel body made from special Breflex plastic on a galvanised frame. Ergonomic handle and axle for precision cable-management when winding and rewinding. With 3-pin safety cut-out and thermal overload protection. Earthed sockets connected to separate phases. 3 year manufactures guarantee. 30m black cable H07RN-F 5G1,5

30 m

31.515.030

1

Cable Drum Ø2,5 16A 20m


According to EN61316, BGI 608, VDE 0100 1CEE plug 400V/16A, 2 water-jet protected sockets 230V, 1 CEE socket 400V/16A. Reel body made from special Breflex plastic on a galvanised frame. Ergonomic handle and axle for precision cable-management when winding and rewinding, with 3-pin safety cut-out and thermal overload protection, earthed sockets connected to separate phases, 3 year manufactures guarantee, black H07RN-F 5G2,5 cable

20 m

31.525.020

1

Extender Cable 220V, black


Quality building site cable IP44 for outside use, on construction site, trade and industry, with earthed plug and socket, H07RN-R 3G1,5 cable

10 m

31.561.010

1

25 m

31.561.025

1

Extender Cable 220V, red


Quality building site cable IP44 for outside use, on construction site, trade and industry. With earthed plug and socket. H07RN-R 3G1,5 cable

10 m

31.562.010

1

25 m

31.562.025

1

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Extender Cable 220V, black, with Power block

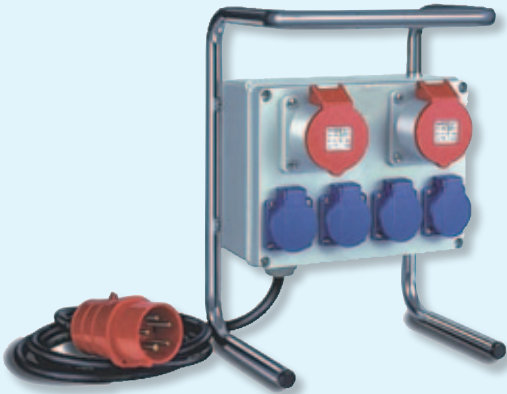

Heavy-duty cable IP 44 with Power block Ideal for hard outdoor use, trade, industry and construction sites, top quality, with break-resistant plastic housing.
4 water-jet protected socket outlets with self-closing protective caps against dust and contamination, with foldable metal hook

5 m	31.584.005	1		
10 m	31.584.010	1		

CEE Extender Cable 16A


IP44, black, for hard outdoor use, trade, industry and construction site.
H07RN 5G1,5

10 m	31.571.010	1		
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Small Energy Station


IP44, for hard outdoor use, trade, industry and construction site, H07RN-F 5G1,5, solid, break-resistant plastic housing, jet-water protected, earthed sockets with 3 phases.

fitted to a robust, steel-tube frame for safe standing	31.607.001	1		
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Small Energy Station


like ref. 31.607.001
with handle for easy carrying

	31.607.100	1		
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Painter and Plasterer

Hot Glue Gun Economy



glue sticks Ø12 mm
 max. temperature: 205 °C
 voltage: 230 Vac
 heating-up time: 5 Minutes
 glue output: up to 600 g/h
 Nozzle unchangeable

86.110.035	1		
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Hot Glue Gun Professional



Semi-Industrial glue gun for very intensive use
 High glue output : up to 1600g/h
 Exchangeable nozzle Glue gun for professional users.
 Two pre-set temperatures (185°C and 200°C).
 High glue output (up to 1600 g/h). Silicon protected nozzle, and extra stable stand.
 Various types of nozzle are available as optional accessories.
 Adjustable temperature: Yes, Interchangeable nozzles: Yes, Heating time: 7min
 Glue stick diameter: 12mm Glue output g/h: 1600g/h Power W: 400W Width: 87.00
 Height: 325.00 Depth: 340.00 Weight: 1870 Use for: Use for Car industry, carton
 closing, electronic, wood assembly, furniture, cable fixing
 Material: Top Class ABS and Glass Fibre Packaging unit: 1
 Other: EG330 220-240V

86.200.160	1		
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Hot Glue Gun Battery



Glue gun with lithium-ionic battery,
 for sticks with Ø12mm,
 new heater,
 bi-injected handle,
 innovative trigger system and Li-Ion technology provide full flexibility, freedom and
 comfort to bond all kind of material adjustable temperature: no exchangeable
 nozzle: yes
 heating-up time: 4 min
 glue output: 350 g/h 300 Watt

86.200.025	1		
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Glue Sticks



transparent,
 length 19 cm, Ø12 mm,
 universal use pot life

20 sec	86.110.060	1	
60 sec	86.190.060	1	

Hot Air Gun Standard



Hot air gun for removing paint but also usable for lighting the barbecue,
 loosening tight nuts, bending metal/plastic pipes etc.
 Comes with paint scrapers and nozzles, packed in a handy plastic case.
 Features:
 Over-heating protection, Safe usage in self-standing position, Cool Air Stage,
 Perfectly balanced, Hanger, Anti-Slip Soft Grip, Two temperature- and air blow levels,
 Ergonomic design
 Set of paint scrapers and 4 nozzles included Airflow l/min500 l/min
 Temperature C45/550° C

86.300.210	1		
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Hot Air Gun Professional



operates with programmable temperature and airflow to achieve a rapid shrink action.
I with 350°C; II with 500°C

2000 Watt	86.300.250	1		
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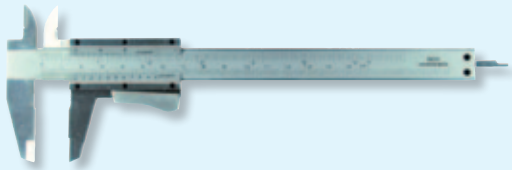
Folding Rule 2 m



wood
glasfibre

40.200.001	1		
40.200.002	1		

Vernier Caliper manual



stainless

150 mm	31.400.001	1	
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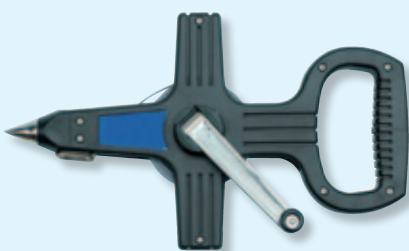
Vernier Caliper digital



display shows mm or inch

150 mm	31.400.003	1	
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Steel Measuring Tape



steel

50 m	40.200.050	1	
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Painter and Plasterer

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Try Square



Aluminium

300 mm

40.280.030

1

Water Balance



Aluminium

40 cm
60 cm
80 cm

40.220.040
40.220.060
40.220.080

1
1
1

Laser Rangefinder



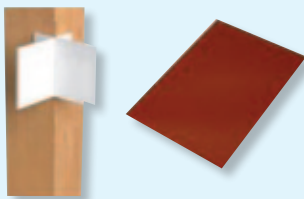
Laser Rangefinder up to 50 meters with lot of functions:

- addition,
- subtraction,
- area computation,
- volume computation,
- Pythagoras functions,
- for quick, easy and safe measurement

85.200.051

1

Target Plate



The laser fixed target makes it possible a better reflection from a long distance to the specific target. (it is recommended from 40-50 metres).

85.200.055

1

Measuring Cup



open handle, stackable

50 ml
100 ml
250 ml
500 ml
1 L
2 L
3 L

40.600.050
40.600.100
40.600.250
40.600.500
40.600.001
40.600.002
40.600.003

1
1
1
1
1
1
1

10
10
6
6
6
2
2

closed handle
5 L

40.600.005

1

2

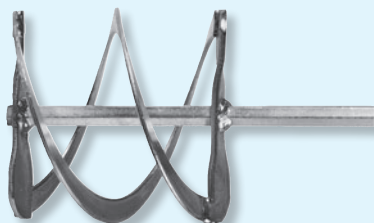
MK Stirrer



Three mixing helices for all heavy and highly-viscous materials. Mixing direction: downside up long 59 cm, height of cage 14/17/21 cm

M14 coupling				
Ø 120 for 15-25 kg	00.031.324	1		
Ø 140 for 25-35 kg	00.031.326	1		
Ø 160 for 35-60 kg	00.031.327	1		
HEXAFIX® coupling				
Ø 120 for 15-25 kg	00.040.114	1		
Ø 140 for 25-35 kg	00.040.115	1		
Ø 160 for 35-60 kg	00.040.116	1		

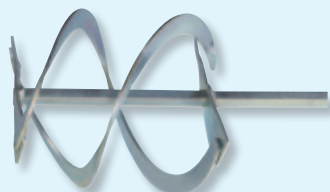
WK Stirrer



Suitable for diverse applications, the WK mixing tool is notable for outstanding conveyance of the material. With two wide mixing helices for easy guidance in the material and minimal stress on the drive machine. Ideal for all sticky and viscous materials. Suitable for tile adhesives, construction adhesives, ready-mixed mortar and plaster, fillers, screed, cement, etc. Mixing direction: downside up

hexagonal coupling				
Ø 100 for 10-20 kg	00.041.248	1		
Ø 120 for 15-25 kg	00.041.247	1		
M14 coupling, length 60 cm	00.041.269	1		
Ø 120 for 15-25 kg				
Ø 160 for 25-35 kg	00.041.319	1		
HEXAFIX® coupling, length 59 cm				
Ø 120 for 15-25 kg	00.040.112	1		
Ø 140 for 25-35 kg	00.040.113	1		
Ø 160 for 35-60 kg	00.040.123	1		

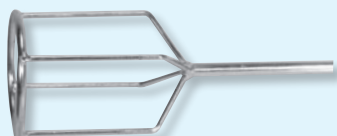
Spiral Stirrer without Guard Ring



for Fliesenkleber, Fugenmörtel, Fertigmörtel, Mischwirkung: von unten nach oben, length 60 cm, Korbhöhe 10 cm

hexagonal coupling				
Ø 85 for 10-15 kg	00.031.085	1		

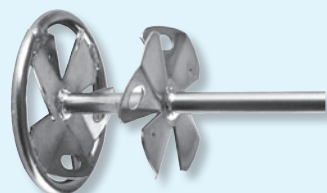
KR Stirrer



generates high shear forces which prevent the formation of lumps. The crossbar helps scrape material off the bottom of the tub. The mixing tool has good corner smoothness in the tub. Ideal for all sticky materials. Specially suitable for self-levelling materials (ARDEX, PCI, UZIN..), adhesives, sealants, fillers, epoxy mixes, Mixing direction: turbulence

M14 coupling				
Ø 120 for 15-25 kg	00.031.024	1		
Ø 140 for 25-35 kg	00.041.635	1		
Ø 160 for 35-60 kg	00.041.636	1		
HEXAFIX® coupling				
Ø 120 for 15-25 kg	00.041.732	1		
Ø 140 for 25-35 kg	00.041.735	1		
Ø 160 for 35-60 kg	00.041.736	1		

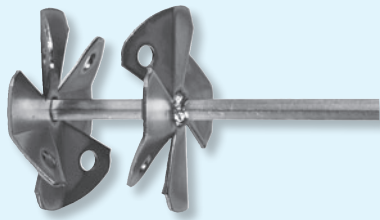
Double-Disk Stirrer with Guard-Ring



for the preparation of thin-bed mortar for the cementing of concrete precision blocks. The two turbine blades, provide a strong flow of material to prevent the formation of lumps. Ideal for levelling compounds and liquid materials, etc. Mixing direction: upside down

M14 coupling, length 60 cm				
Ø 140 for 25-35 kg	00.033.140	1		
Ø 160 for 35-60 kg	00.033.160	1		

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Double-Disk Stirrer without Guard-Ring


for the preparation of thin-bed mortar for the cementing of concrete precision blocks. The two turbine blades, provide a strong flow of material to prevent the formation of lumps. Ideal for levelling compounds and liquid materials etc. Mixing direction: upside down

hexagonal coupling, 10 mm, length 50 cm Ø 80 for 5-10 kg	00.031.080	1		
M14 coupling, length 60 cm Ø 120 for 15-25 kg	00.031.120	1		
Ø 150 for 25-40 kg	00.031.150	1		

Single Disk Stirrer


generates a powerful flow in the material for optimum results in super-fast time, it let you work effortlessly, with minimum physical strain Ideal for liquid and spreading materials. Suitable for paints, primer coats, epoxy-resins, etc. Mixing direction: downside up

hexagonal coupling, 10 mm, length 50 cm Ø 90 for 5-10 kg	00.040.950	1		
hexagonal coupling, 13 mm, length 59 cm Ø 120 for 10-25 kg	00.040.960	1		
HEXAFIX® coupling, length 59 cm Ø 120 for 15-25 kg	00.040.108	1		
M14 coupling, length 59 cm Ø 120 for 15-25 kg	00.040.970	1		

Bitumen Stirrer

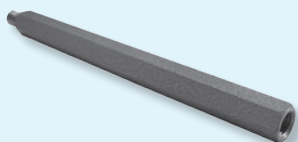

generates high shear forces which prevent the formation of lumps. The mixing tool supports a good material removal from the bottom and rim of the tub. Special mixing paddle for mixing 1- and 2-component bitumen materials. Mixing direction: upside down

HEXAFIX® coupling Ø 170 for 25-40 kg	00.040.140	1		
M14 coupling Ø 170 for 25-40 kg	00.040.141	1		

Paint Stirrer


Suitable for fluid materials. Ideal for paints, lacquers, primers, fine and creamy plasters, etc. Mixing direction: downside up

hexagonal coupling Ø60 for 0-5 kg	00.040.880	1		
Ø80 for 5-10 kg	00.040.881	1		
Ø100 for 10-20 kg	00.040.882	1		
Ø120 for 20-30 kg	00.040.883	1		
HEXAFIX® coupling Ø 120 for 20-30 kg	00.040.102	1		
M14 coupling Ø 100 for 10-20 kg	00.040.884	1		
Ø 120 for 20-30 kg	00.040.886	1		

Stirrer Extension


15 cm	00.032.215	1		
25 cm	00.032.225	1		
40 cm	00.032.240	1		

Painter and Plasterer

Flake Suction Gun



**1,2 mm suction tube,
suitable for colour flakes sizes 0.5, 1, 3 and 5
Product outlet Ø 27 mm
Compressor with 400-450l/min necessary**

87.001.100	1		
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Flake Hopper Gun



**5 litre nylon container, suitable for colour flakes sizes 0.5, 1 and 3.
Air consumption approximately 90 l.p.m.
Compressor necessary**

87.001.200	1		
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Plastic Construction Bucket



Made from high-grade polyethylene regenerate mixture, black, galvanised bracket

12 L

99.100.012

5

Bucket Carrier



cheap solution for transporting mixing buckets on site
Without bucket

46.100.000

1

Bucket Carrier



Aluminium-steel-construction with aluminium shovel and high-grade plastic parts.
Air filled wheels. Hubs with needle bearings.
Comfortable anti slip pull bar.
Elastic adjusting straps for saving the transport goods.
Shovel and wheels hinged with one grip. Retractable gripping bars.
Loading capacity 250kg, Length of shovel 45cm, width of shovel approx. 60cm,
Total width approx. 66cm, net weight 12,6Kg
Dimensions folded: high approx. 85cm, width approx. 66cm, depth approx. 13cm
Dimensions opened: height approx. 174cm, width approx. 66cm, depth approx. 74cm

99.500.420

1

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Grinding Pot



for concrete, stone und masonry, made of silicone carbide, Ø 110 mm

bore 22 mm without thread

granulation 16/24	54.110.916	2		
granulation 24/36	54.110.924	2		

bore 22 mm with thread M14

granulation 16/24	54.120.916	2		
granulation 24/36	54.120.924	2		

Grinding Disk



for concrete, stone und masonry, made of silicone carbide

115x6x22 mm	53.115.001	2		
125x6x22 mm	53.125.001	2		

for steel

115x6x22 mm	53.115.161	10		
125x6x22 mm	53.125.161	10		
180x6x22 mm	53.180.161	10		

ZEC-Grinding Disk



with silicone carbide

Ø 115 mm

granulation 16	52.115.016	5		
granulation 24	52.115.024	5		
granulation 36	52.115.036	5		
granulation 80	52.115.080	5		

Ø 125 mm

granulation 16	52.125.016	5		
granulation 24	52.125.024	5		
granulation 36	52.125.036	5		

Ø 178 mm

granulation 16	52.178.016	5		
granulation 24	52.178.024	5		
granulation 36	52.178.036	5		
granulation 60	52.178.060	5		
granulation 80	52.178.080	5		

Grinding Mop Disk



zirconium corundum on glasfibre disk

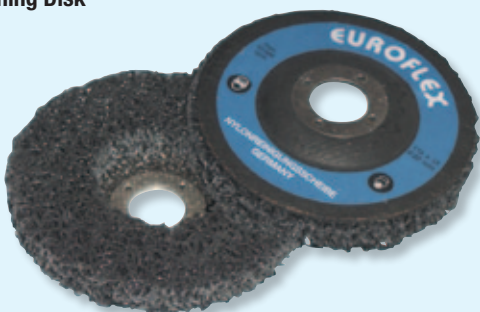
Ø 115 mm

granulation 40	52.115.440	10		
granulation 60	52.115.460	10		
granulation 80	52.115.480	10		

Ø 125 mm

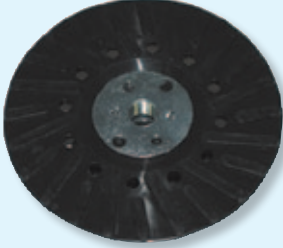
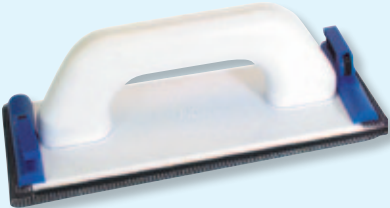
granulation 40	52.125.440	10		
granulation 60	52.125.460	10		
granulation 80	52.125.480	10		

Cleaning Disk




suitable for removing paint/varnish from steel and cleaning weldseam, max. 63 m/s rpm

115x13x22 mm	52.115.801	5		
125x13x22 mm	52.125.801	5		

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Ground Plate 	supports ZEC grinding disk					
	Ø 115 mm	52.115.000	1			
	Ø 125 mm	52.125.000	1			
	Ø 178 mm	52.178.000	1			
Flexible Grinding Disk Metal 	with korund in synthetic resin bonding (for metal), flat cross cut hole 22 mm					
	Ø 115 mm					
	granulation 40	53.115.040	50			
	granulation 60	53.115.060	50			
	granulation 80	53.115.080	50			
Flexible Grinding Disk Stone 	with silicone carbide in synthetic resin bonding (for concrete, stone), flat cross cut hole 22 mm					
	Ø 115 mm					
	granulation 36	53.115.236	50			
	granulation 60	53.115.260	50			
	Ø 125 mm					
	granulation 40	53.125.040	50			
	granulation 60	53.125.060	50			
	granulation 80	53.125.080	50			
	Ø 178 mm					
	granulation 16	53.178.016	50			
	granulation 24	53.178.024	50			
	granulation 40	53.178.040	50			
granulation 60	53.178.060	50				
granulation 80	53.178.080	50				
Hand Grinder 	with quick release					
		56.200.001	1			
Grinding Float 	carbide granulation, 12x22 cm					
	granulation 14	52.120.014	1			
	granulation 24	52.120.024	1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Sanding Grid 	93 x 280 mm					
	granulation 80	56.100.080	10			
	granulation 100	56.100.100	10			
	granulation 120	56.100.120	10			
	granulation 180	56.100.180	10			
	granulation 220	56.100.220	10			
Sanding Drum E-Paper 	E-Paper 220-270 g, dens coated with aluminium oxide, synthetic resin bonded, 115 x 50 m					
	granulation 60	53.415.060	1			
	granulation 80	53.415.080	1			
	granulation 120	53.415.120	1			
	granulation 180	53.415.180	1			
	granulation 240	53.415.240	1			
Sanding Drum C-Paper 	C-Paper 110-135 g, dens coated with aluminium oxide, synthetic resin bonded, 115 x 50 m					
	granulation 60	53.413.060	1			
	granulation 80	53.413.080	1			
	granulation 120	53.413.120	1			
	granulation 180	53.413.180	1			
	granulation 240	53.413.240	1			
Sanding Paper flexible C-Paper 	C-Latex-Paper 110-135 g, dense coated with aluminium oxide, synthetic resin bonded, 230 x 280 mm					
	granulation 60	53.400.060	5			
	granulation 80	53.400.080	5			
	granulation 120	53.400.120	5			
Sanding Disk Velcro 	coated with aluminium oxide, synthetic resin bonded, perforated 8+1 holes					
	Ø115 mm					
	granulation 40	53.416.040	50			
	granulation 60	53.416.060	50			
	granulation 80	53.416.080	50			
	granulation 120	53.416.120	50			
	Ø 125 mm					
	granulation 40	53.425.040	50			
	granulation 60	53.425.060	50			
	granulation 80	53.425.080	50			
granulation 120	53.425.120	50				
Sanding Disk Velcro 	silicone carbide, stearate bonded - suitable for varnish, perforated 8+1 holes					
	Ø 115 mm					
	granulation 180	53.516.180	100			
	granulation 240	53.516.240	100			
	Ø 125 mm					
	granulation 180	53.525.180	100			
granulation 240	53.525.240	100				

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Sanding Disk Velcro 	coated with aluminium oxide, synthetic resin bonded, perforated 8+1 holes					
	Ø 150 mm					
	granulation 40	53.450.040	50			
	granulation 60	53.450.060	50			
	granulation 80	53.450.080	50			
	granulation 120	53.450.120	50			
	granulation 180	53.450.180	100			
granulation 240	53.450.240	100				
Sanding Pad Festo Delta grinder Velcro 	E-Paper 220-270 g/m², coated with aluminium oxide, synthetic resin bonded, perforated 6 holes Dimension: 93x93x93mm price per pack of 50pcs					
	granulation 40	53.347.040	1			
	granulation 60	53.347.060	1			
	granulation 80	53.347.080	1			
	granulation 120	53.347.120	1			
Sanding Pad Fein Delta grinder Velcro 	E-Paper 220-270 g/m², coated with aluminium oxide, synthetic resin bonded Dimension: 85x85x85 mm price per pack of 50pcs					
	granulation 40	53.380.040	1			
	granulation 60	53.380.060	1			
	granulation 80	53.380.080	1			
Sanding Pad Bosch, Makita, Metabo, etc. Delta grinder Velcro 	E-Paper 220-270 g/m², coated with aluminium oxide, synthetic resin bonded, perforated 6 holes Dimension: 95x95x95 mm price per pack of 50pcs					
	granulation 40	53.390.040	1			
	granulation 60	53.390.060	1			
	granulation 80	53.390.080	1			
	granulation 120	53.390.120	1			
Hand Grinder 	made of silicium carbide					
	15 x 5 x 5 cm, granulation 24 synthetic resin bond	53.300.002	1			
	18 x 70 x 5 cm, granulation 40 ceramic bond	53.300.001	1			
Sanding Sponge 	for wet and dry grinding, 4 sides sanded, 10 x 7 x 2,6 cm					
	granulation 80	56.200.080	2			
	granulation 100	56.200.100	2			
	granulation 180	56.200.180	2			
Grinding Fleece Role 	made of corundum, for wet and dry grinding, also for eccentric sanding machine and oscillating sander 115 mm x 10 m					
	granulation 120	53.115.120	1			
	granulation 180	53.115.180	1			
	granulation 320	53.115.320	1			

Painter and Plasterer

Cutting Disk Steel/Stainless Steel Economy



extra fine cut, iron-, sulphur- and chlorine-free, high cost-benefit ratio

115 x 1,0 x 22,2 mm	54.115.116	5		
125 x 1,0 x 22,2 mm	54.125.116	5		
180 x 1,6 x 22,2 mm	54.180.116	5		
230 x 1,8 x 22,2 mm	54.230.116	5		

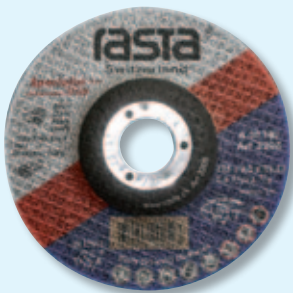
Cutting Disk Steel/Stainless Steel straight Professional



fine cut, iron-, sulphur- and chlorine-free, high level of stability

115 x 2,0 x 22,2 mm	54.115.100	5		
125 x 2,0 x 22,2 mm	54.125.100	5		
150 x 2,0 x 22,2 mm	54.150.100	5		
180 x 2,0 x 22,2 mm	54.180.100	5		
230 x 2,0 x 22,2 mm	54.230.100	5		

Cutting Disk Metal Cranked



fine cut, for steel and stainless steel, iron-, sulphur- and chlorine-free, high level of stability, made of corundum

115 x 2,0 x 22,2 mm	54.115.101	5		
125 x 2,0 x 22,2 mm	54.125.101	5		
150 x 2,0 x 22,2 mm	54.150.101	5		
180 x 2,0 x 22,2 mm	54.180.101	5		
230 x 2,0 x 22,2 mm	54.230.101	5		

Cutting Disk Aluminium



non-ferrous metals, extra fine cut, soft bonding

115 x 1,0 x 22,2 mm	54.115.111	5		
125 x 1,0 x 22,2mm	54.125.111	5		
230 x 1,9 x 22,2 mm	54.230.111	5		

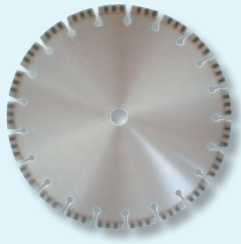
Saw Blade Concrete Economy



for wet and dry cut, laser welded, segment height 10mm Ø300-600 on request

115 x 2,2 x 7 mm	51.115.035	1		
125 x 2,2 x 10 mm	51.125.035	1		
150 x 2,2 x 10 mm	51.150.035	1		
180 x 2,3 x 10 mm	51.180.035	1		
230 x 2,4 x 10 mm	51.230.035	1		

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

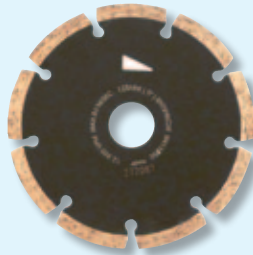
Saw Blade Concrete Standard

**turbo segments for fast cutting of reinforced concrete, concrete, concrete paver, laser welded, segment height 10mm
Ø300-450 on request**

115 x 2,2 x 10 mm	51.115.031	1		
125 x 2,2 x 10 mm	51.125.031	1		
150 x 2,6 x 10 mm	51.150.031	1		
180 x 2,6 x 10 mm	51.180.031	1		
230 x 2,8 x 10 mm	51.230.031	1		

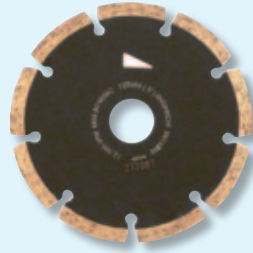
Saw Blade Concrete Premium

**turbo segments for fast cutting of reinforced concrete, concrete, concrete paver, bricks, lime-sand bricks, laser welded, segment height 10mm,
Ø300-900 on request**

115 x 2,4 x 10 mm	51.115.037	1		
125 x 2,4 x 10 mm	51.125.037	1		
150 x 2,6 x 10 mm	51.150.037	1		
180 x 2,6 x 10 mm	51.180.037	1		
230 x 2,6 x 10 mm	51.230.037	1		

Saw Blade Screed/Asphalt Economy

suitable for abrasive materials e.g.. Cement screed, lime stone, fresh concrete, sintered, for wet and dry cutting, segment height 7 mm

115 x 2,0 x 7 mm	51.115.033	1		
125 x 2,0 x 7 mm	51.125.033	1		
150 x 2,2 x 7 mm	51.150.033	1		
180 x 2,4 x 7 mm	51.180.033	1		
230 x 2,6 x 7 mm	51.230.033	1		

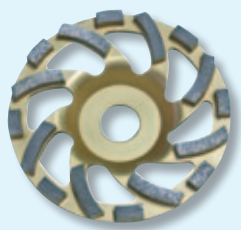
Saw Blade Screed/Asphalt Premium

suitable for abrasive materials e.g.. Cement screed, lime stone, fresh concrete, sintered, segment height 10 mm

115 x 2,0 x 10 mm	51.115.032	1		
125 x 2,2 x 10 mm	51.125.032	1		
150 x 2,2 x 10 mm	51.150.032	1		
180 x 2,3 x 10 mm	51.180.032	1		
230 x 2,4 x 10 mm	51.230.032	1		

Diamond Grinding Cup Wheel Tornado Standard

**suitable for plastic, paints, concrete, segment height 5 mm,
Ø150 mm hole diameter 19 mm**

Ø125 mm cup depth 20 mm	55.125.057	1		
Ø150 mm (Hilti) cup depth 20 mm	55.150.057	1		
Ø180 mm cup depth 30 mm	55.180.057	1		

Diamond Grinding Cup Wheel Tornado Premium

**suitable for plastic, paints, concrete, segment height 5mm,
Ø150 mm hole diameter 19 mm**

Ø110 mm cup depth 22 mm	55.115.052	1		
Ø125 mm cup depth 22 mm	55.125.052	1		
Ø150 mm (Hilti) cup depth 20mm	55.150.052	1		
Ø180 mm cup depth 30 mm	55.180.052	1		
Ø180 mm cup depth 23 mm (Flex, Bosch)	55.181.052	1		

Diamond Grinding Cup Wheel Boomerang



suitable for plastic, paints, concrete, segment height 5mm, Ø150 mm hole diameter 19 mm

Ø 110 mm cup depth 22 mm	55.110.056	1		
Ø 125 mm cup depth 22 mm	55.125.056	1		
Ø 150 mm (Hilti) cup depth 20 mm	55.150.056	1		
Ø 180 mm cup depth 30 mm	55.180.056	1		

Diamond Grinding Cup Wheel Economy



type Duplex, sintered, for concrete, segment height 5mm

Ø 125 mm cup depth 20 mm	55.125.008	1		
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Diamond Grinding Cup Wheel Economy



type Duplex, laser welded, for concrete, segment height 5mm

Ø 110 mm cup depth 21 mm	55.115.011	1		
Ø 125 mm cup depth 21 mm	55.125.011	1		
Ø 180 mm cup depth 26 mm	55.180.011	1		

Diamond Grinding Cup Wheel Standard



type Duplex, laser welded, for concrete, segment height 5mm

Ø 110 mm cup depth 21 mm	55.115.021	1		
Ø 125 mm cup depth 21 mm	55.125.021	1		
Ø 150 mm (Hilti) cup depth 20 mm	55.150.021	1		
Ø 180 mm cup depth 26 mm	55.180.021	1		

Diamond Grinding Cup Wheel Economy



type Duplex, laser welded, for cement screed and asphalt, segment height 5mm

Ø 125 mm cup depth 21 mm	55.125.030	1		
Ø 180 mm cup depth 27 mm	55.180.030	1		

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Diamond Grinding Cup Wheel Standard 	type Duplex, laser welded, for cement screed and asphalt, segment height 5mm					
	Ø 100 mm cup depth 21 mm	55.100.023	1			
	Ø 125 mm cup depth 21 mm	55.125.023	1			
	Ø 180 mm cup depth 27 mm	55.180.023	1			
Diamond Grinding Cup Wheel Arrow 	with several suction holes for optimal suction					
	Ø 125 mm cup depth 21 mm	55.125.041	1			
	Ø 150 mm (Hilti) cup depth 20 mm	55.150.041	1			
	Ø 180 mm cup depth 21 mm	55.180.041	1			
PKD-Grinding Cup Wheel Cyclone 	suitable to remove glue, coatings, paints, coatings (EP, PU, AC) from substrate, cementitious self levelling mortar, cement screed and fresh concrete grain size up to 8mm					
	fine segments (1 mm)					
	Ø 115 mm 9 PKD cup depth	55.115.061	1			
	Ø 125 mm 12 PKD cup depth 21 mm	55.125.061	1			
	Ø 150 mm (Hilti) 15 PKD cup depth 20 mm	55.150.061	1			
	Ø 180 mm 12 PKD cup depth 31 mm	55.180.061	1			
	raw segments (3,2 mm)					
	Ø 125 mm 4 PKD cup depth 21 mm	55.125.062	1			
	Ø 125 mm 6 PKD cup depth 21 mm	55.126.062	1			
	Ø 150 mm (Hilti) 6 PKD cup depth 20 mm	55.150.062	1			
Ø 180 mm 9 PKD cup depth 31 mm	55.180.062	1				
Joint Grinder 	for cutting joints into floors and walls width 6,4mm					
	Ø 115 mm	55.115.051	1			
	Ø 125 mm	55.125.051	1			
	Ø 180 mm	55.180.051	1			
	Ø 230 mm	55.230.051	1			
Joint Cleaner 	sintered, for cleaning joints width 6,0 mm					
	Ø 125 mm	55.125.151	1			
	width 8,0 mm					
	Ø 125 mm	55.125.251	1			
	width 10 mm					
	Ø 125 mm	55.125.351	1			
width 9,0 mm						
Ø 180 mm	55.180.151	1				
V-Grinder 	to cut V-shape joints into floor and wall, segment width 10mm, segment height 12mm					
	Ø 115 mm	55.115.053	1			
	Ø 125 mm	55.125.053	1			
	Ø 180 mm	55.180.053	1			
	Ø 230 mm	55.230.053	1			

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Cotton-Latex Glove



Latex gloves, latex coating on interlock liner, open back, EN 388 CAT2

knitted wrist	60.210.010	12	120
cuff	60.200.010	12	120

Natural Latex Glove



high quality with cottonvelour inside, Length 30cm, low-in-allergens and food-safe

size 9	60.620.009	12	144
size 10	60.620.010	12	144

Cotton-Polyester-Latex Glove



seamless glove with micro porous latex coated and roughened palm for sensitiveness and more grip, breathable backside, comfortable and flexible, abrasion resistant

size 9	60.240.009	12	72
size 10	60.240.010	12	72

Cotton-Latex Glove



Latex gloves, blue, rough surface, high quality cotton interlock liner, approx. 30 cm long EN388 CAT2 and EN374 CAT3

size 9	60.630.009	1	12
size 10	60.630.010	1	12

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Cotton-Polyester-Latex Glove



seamless knitted terry glove, green latex coating on palm and finger tips, perfect grip Category 2 EN 388

size 9	60.280.009	12	144
size 10	60.280.010	12	144

Winter Blocker Glove



seamless knitted terry glove, yellow, blue latex coating on palm and finger tips, perfect grip

size 9	60.850.009	12	72
size 10	60.850.010	12	72
size 11	60.850.011	12	72

Latex-disposable Glove



white, pre-powdered, non sterile, beaded cuff Box with 100pcs

XL	60.700.010	1	
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Cotton-Nitrile Glove Economy



yellow, nitrile coating on interlock liner, open back, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

size 9	60.300.009	12	144
size 10	60.300.010	12	144
size 11	60.300.011	12	144

Cotton-Nitrile Glove Premium



yellow, nitrile coating on interlock liner, perfect fit, open back, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

size 9	60.340.009	12	144
size 10	60.340.010	12	144

Painter and Plasterer

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Cotton-Nitrile Glove Economy full coated



yellow, nitrile coating on interlock liner, fully coated, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

size 9	60.310.009	12	144
size 10	60.310.010	12	144

Cotton-Nitrile Glove Economy full coated with cuffs



yellow, nitrile coating on interlock liner, open back, with cuff, EN420, EN388 CAT2, TÜV-GS tested

size 10	60.500.010	12	144
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Nitrile Glove with long sleeve



green, 33 cm length, flock lined, pairs packed separately in polybags EN388 CAT2 and EN374 CAT3

size 9	60.600.009	12	144
size 10	60.600.010	12	144
size 11	60.600.011	12	144

PU-Nitrile-Stretch Dotted Glove



seamless knitted glove, special grey and flexible stretch material, very soft black coating on palm and finger-tips, dotted palm, perfect fitting, EN420, EN388 CAT2

size 9	60.480.009	12	144
size 10	60.480.010	12	144

PU-Stretch Glove



grey, palm and finger tips with grey PU coating EN420 & EN388 CAT2

size 9	60.430.009	12	144
size 10	60.430.010	12	144

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Latex-Nylon Stretch Glove

grey, open back, knitted wrist, black latex coating EN420 & EN388 CAT2

size 9	60.460.009	12	144
size 10	60.460.010	12	144
size 11	60.460.011	12	144

Nitrile-Nylon Stretch Glove

knitted glove, open back, with micro-foam-nitrile coating, breathable, excellent fit, extreme good sense of touch CE CAT2

size 9	60.470.009	12	144
size 10	60.470.010	12	144

Nitrilefoam-Nylon Stretch Glove

knitted glove, back of hand partly coated with micro-foam-nitrile coating, breathable, excellent fit, extreme good sense of touch CE CAT2

size 9	60.475.009	12	144
size 10	60.475.010	12	144

Nitrile-Nylon Stretch Glove

Nylon/Spandex knitted glove, back of hand partly coated, liquid proofed inside and back of glove double nitrile coating, on top a slip resistant nitrile coating (only inside)

size 9	60.477.009	12	72
size 10	60.477.010	12	72

Cotton Drill Gloves

natural grey, 8 oz., knitted wrist

size 10	60.900.009	12	240
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Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Cotton Jersey Gloves



natural grey, ambidextrous, 26 cm length

size 10	60.920.010	12	240
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Cotton Interlock Gloves



raw white, 26 cm, heavy weight

size 10	60.960.010	10	600
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Nylon-Cotton-PVC Dot Glove



Seamless knitted glove, one side PVC-dots, with palm, high comfort EN 288 CAT2

size 10	60.950.010	12	240
size 11	60.950.011	12	240

Cotton-Polyester-PVC Dot Glove



Seamless knitted glove, both sides PVC-dots, with palm, high comfort EN 288 CAT2

size 10	60.955.010	12	240
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Cow Leather-Cotton Glove



leather thickness approx. 1mm, made of core split leather, good quality, with cuff CAT2

size 10	60.111.010	12	120
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Cow Leather-Cotton Glove Premium



leather thickness min 1,2mm, good quality, with rubberised cuff CAT2

size 10	60.112.010	12	120
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Vinyl-Cotton Glove



an alternative to leather gloves Ref.Nr. 60.111.010 because chromate free

size 10	60.610.010	12	120
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Hand cleaner



special cleaner for resins, sensational cleaning performance

- skin-friendly solvent
- without abrasive agents
- all free from artificial scents and preservatives
- excellent skin compatibility
- dermatologically tested
- bio-degradable

1 litre	98.000.001	1		
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Skin Maintaining Lotion



Lotion for skin regeneration, containing bee wax and natural oil, silicon free

250 ml	98.000.002	1		
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Cover Foam



protect hand from dirt, reduces sweating in gloves, reaches for approx. 150 applications

100 ml	98.000.003	1		
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Face Shield Crème



protects face against ink mist during spraying. Prevents ink mist from adhering to sensitive facial skin - easy to wipe off with a cloth

100 ml	98.000.310	1		
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Scrubs in a bucket



Citrus-based formula on tough towel Dissolve and absorb grease Pumice Soap on pre-moistened towels Removes, grease, paint, caulk, tar, oils, dirt, ink, dye, sealants & more

72 towels per bucket	98.900.001	1	6	
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Cotton Cleaning Rags



multi-coloured
10 kg bag
pure white
10 kg bag

98.800.010

1

98.801.010

1

Non-woven Cloth



40x40 cm, approx. 500 pcs
price per 10 kg

10 kg

98.810.010

1

Cleaning Paper Role



blue, 1000 sheet á 36cm
3 layers

98.815.035

1

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Knee Pad black



made of PU foam, certified acc. DIN EN 14404
subject class 2 puncture resistant

1 strap	80.400.010	1		
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Knee Pad yellow



made of PU foam certified acc. DINEN 14404 subject class 0,
not puncture resistant

2 strap	80.400.002	1		
replacement strap	80.400.100	1		

Knee Pad white



designed for jobs where most of the work is carried out kneeling – inner pocket lined with permanently elastic, very soft material - adapts to the shape of the users knee

	80.410.001	1		
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Gel Knee Pad



with flexible „non marking“ cap, EN14404 certified, elastic one strap hold, Padding filled with elastic gel

	80.430.001	1		
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Hard Cap Knee Pad



Hard shelled knee-protector, impact and shock resistant Cushion pad of 15mm cellular rubber with 4cm width elastic rubber straps Suitable for rough, uneven underground surfaces

	80.420.015	1		
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Hard Cap Knee Pad with Hinge


optimised with patented ergonomic form-cushion - inherently stable, washable and permanently elastic Fully adjustable 4cm width elastic straps

80.420.001	1		
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Hard Cap Knee Pad with Bellow


This model combines the advantages of a hard shell knee-protector, with an elastic bellow. It fits perfectly on the upper part of the knee and prevents the intrusion of foreign particles while allowing maximum mobility.

80.420.020	1		
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Knee Pad Accessories

Attachment Button

80.420.006	1		
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Replacement strap for hard cap knee pad

80.420.005	1		
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Knee Protector


for optimal knee protection while working done in a kneeling position. With the continuously variable Velcro straps the protectors can be properly adjusted and fastened to the knee.

All work on building sites can be carried out knee friendly and painless. Developed in cooperation with the Federation of Trade Associations.

80.415.050	1		
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replacement straps

80.415.055	1		
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Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

PE Overall

made of white polypropylene fleece, with cowl, elastic cuffs, ankles and waist



XL	90.000.XL	1	50
XXL	90.000.XXL	1	50

PE Trousers

made of white polypropylene fleece, air-permeable, elastic cuffs, ankles and waist



XL	90.100.XL	10	50
XXL	90.100.XXL	10	50

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Platform Scale



supporting platform 32x38cm, weighing range up to 75 kg, up to 25kg in 5g steps from 25kg in 10g steps, TARA Function, automatic shutdown (idle) individually adjustable (deactivate, 15min, 30min, 45min, 60min) , electric or battery powered (4x1,5V AA)

99.000.001	1		
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Spoon Balance



max weight 300g/10,935oz
display shows 0,1g/0,005oz
shutdown after 60sec

99.000.300	1		
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Multitool is a manufacturer and supplier of high quality tools for the construction trade. We have more than 15 years' experience and maintain a policy in which you as our customer are King.

Our strength is our direct contact with the client, which is facilitated and enhanced by our network sales representatives. To exactly understand your requirements is our main concern for which reason we encourage informative exchange with you. We have enhanced and improved our product range, with the aim to best meet your requirements. Over the years we have expanded our offer to you. The products in our catalogue include the most popular tools relevant to the construction trade, including a wide range of special tools. Should certain tools not be found in our catalogue, please do not hesitate to contact us. We are more than willing to be at your service. It is our aim to simplify your job by offering you the best service.

Our motto is "You order - we deliver" and therefore we maintain most products of our portfolio in stock. Orders received till 2 p.m. will be processed and dispatched on the same day and on request, dispatched directly to you on your construction site.

You have the comfort to select from various options to place your order. You can reach us either by phone under number: +49 6222 7739733, or you can send us a facsimile under the number +49 6222 75483, or send an e-mail to info@multitool.de. Should you have any questions please contact us - we will be at your service.

You may also place your orders directly in our online shop under www.multitool.de. Additional products added to our product range after catalogue release, will be visible in our online shop only. Our monthly "Special Offer" will also be published on the website.

Multitool is located in Dielheim, approx. 120 Kilometer south of Frankfurt. We maintain more than 98% of products in stock in our warehouse. Our shipments are mainly dispatched via parcel service and ex works.



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Electricians



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International Protection Degree

Code	First Digit	Second Digit
IP	5	4
0	No special protection to prevent infiltration by solid objects	0 No protection
1	Protection against solid objects greater than 50 millimeters	1 Protection against vertically dripping water
2	Protection against solid objects greater than 12.5 millimeters in diameter	2 Protection against water dripping at an angle
3	Protection against solid objects greater than 2.5 millimeters in diameter	3 Protection against spray water
4	Protection against solid objects greater than 1 millimeter in diameter.	4 Protection against splash water
5	Dust protected	5 Protection against water jets
6	Dust sealed	6 Protection against water strong water jets
		7 Protection against temporary immersion
		8 Protection against continuous immersion

Cable Quality

Specification code									
H	05	R	N	-	F		3	G	1,5
1	2	3	4		5		6	7	8
1	Type	H =	Harmonized cable						
2	Nominal voltage	03 =	300 / 300 V						
		05 =	300 / 500 V						
		07 =	150 / 750 V						
3	Sheat material	V =	PVC						
		V3 =	PVC, prooved up to -35C						
		R =	Nature- or synthetic-cautchouce						
		S =	Silicone-cautchouce						
		B =	Synthetic-cautchouce						
4	Sheat material	V =	PVC						
		V3 =	PVC, prooved up to -35C						
		R =	Nature- or synthetic-cautchouce						
		N =	Neoprene -cautchouce						
		J =	Glas fibre braid						
	T =	Textile braid							
	Q =	Polyurethane							
5	Type of conductors	U =	round, solid conductor						
		R =	round, flexible conductor						
		K =	finely stranded for cables for fixed installation						
		F =	finely stranded for flexible cables						
		H =	extra finely stranded for flexible cables						
	Y =	tinsel conductor							
6	Number of cores								
7	Protective conductor	G =	without protective conductor						
		X =	with green/yellow grounding conductor						
8	Nominal cross section of conductor in mm ²								

Product

Details

RefNr

Sales Unit € piece/pair Sales Unit € piece/pair

Craftsman Bag



made of Polytex, 420x150x250mm

200.42.150.250	1		
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Craftsman Bag

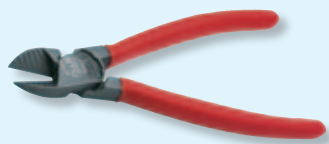


with tools

- 1x Comb pliers
- 1x Telephone pliers
- 1x Diagonal cutting pliers electrician screwdriver
- 6pieces acc. VDE proof; up 1000Volt; tested with 10000V, from chrome-vanadium-steel 58 CrV4, Cross screw driver from chrome-vanadium-steel 61 SiCrV5, ergonomic 2 comp. handle;
- size: 6,5x150 5,5x124 4x100 2,5x75
- Cross Screwdriver PH1 and PH2
- 1 Jokari cable stripping knife
- 1 Jokari wire stripper
- 1 voltage tester, Made in Germany VDE proofed 125-250V
- 1 Universal saw
- 1 Electrician chisel 10x8x250mm Made in Germany
- 1 cross peen hammer
- 1 painters spatula 40mm wooden handle
- 1 plastering bath
- 1 carpenter pencil
- 1 balance 30cm
- 1 folding ruler

200.42.150.500	1		
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Side Cutting Nipper Professional



Inductive hardened precision cutting edges, for hard and soft wire, special tool steel forged and oil hardened acc. DIN5749, Made in Germany

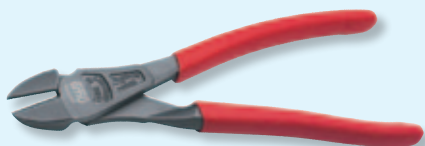
160 mm	30.860.160	1		
chrome-vanadium steel, HRC 58-62, acc. DIN 5749 180 mm				
180 mm	30.860.180	1		

Side Cutting Nipper Economy



chromed matt	30.861.160	1		
160 mm				

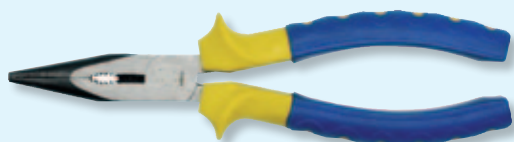
Heavy-Duty-Side Cutting Nipper



head polished, handle dip-paint isolated, Made in Germany

200 mm	30.865.200	1		
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Telephone Pliers Economy



chrome-plated and polished, with heavy transparent handles

straight	30.851.200	1		
160 mm				
bent	30.861.200	1		
160 mm				

Telephone Pliers (Professional)



chrome-vanadium, HRC 55-62, 2K grip

straight	30.851.211	1		
160 mm				

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Flat Nose Pliers (Professional) 	chrome plated and polished, with heavy transparent handles 160 mm	30.852.161	1			
Round Nose Pliers Economy 	chrome plated and polished, with 2K grip 160 mm	30.854.160	1			
Round Nose Pliers (Professional) 	acc. DIN5745, nickel-steel surface 160 mm	30.854.161	1			
Stripping Plier 	handle dip-paint isolated, Made in Germany 150mm	30.868.150	1			
Automatic wire stripper 	for wires from 0,2-4mm ²	30.940.100	1			
Stripping Knife 	with hooked blade Ø 8-28 mm	30.945.100	1			
Cable Knife with round scraper 	85 mm blade	30.945.500	1			
Multipurpose Cable Stripper 	For flush stripping, even in places that are difficult to reach, e.g. in ceiling and wall surfaces, in junction boxes and distribution boxes, control cabinets etc. Non-slip and safe work thanks to ergonomically shaped handle min Ø 8 mm max Ø16 mm	30.945.200	1			

Coax-Stripper



Two- or three-level stripping of all common coaxial cables (e.g. antenna and transmission cables) and flexible cables such as 3 x 0,75 mm², 10 mm² and 16 mm

min Ø 4,8 mm²
 max Ø 7,5 mm²
 max Ø 16 mm²
 min Ø 3 x 7,5 mm²

30.945.300

1

Cable Cutter



For copper and aluminium cable Special geometry of jaws and precision cutting edges ensure a cutting without squeezing

Optimum leverage, easy handling and minimum effort by ratchet action

Step-wise and burr-free cutting

Unlocking mechanism in every cutting position

High strength special steel with especially heat-treated Functional parts

Ergonomically designed handles with special non-slip-off-grip-material

Not for steel wire, aluminium alloys and hardened copper conductors

Cable - Al + Cu cable single-strand and multiple conductor -

Cutting capacity in millimetre: 32 Cable - Al + Cu cable single-strand and multiple conductor -

Cutting capacity in square millimetre: 300

250 mm

30.945.910

1

Cable Cutter Replacement Knife

30.945.915

1

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Punch Down Tool



for the fast and secure seating of data wires into terminals - suitable for a wide range of terminal block types. One step action for automatic seating & trimming of excess wires. Handle includes wire extractor hook & spudger

30.790.010	1		
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End-Sleeves Pressing Pliers



pressing acc. DIN
Minimum pressing operation in square millimetre: 0,25
Maximum pressing operation in square millimetre: 2,5

30.403.160	1		
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End-Sleeves Pressing Pliers Assortment non insulated



plastic box with transparent cover

300 non-insulated end-sleeves from 0,5 to 16,00 mm²

33.502.900	1		
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End-Sleeves Pressing Pliers Assortment insulated



plastic box with transparent cover

110 insulated end-sleeves from 0,5 to 16,00 mm²

33.505.900	1		
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Assortment Of End-Sleeves DIN Insulated



round plastic box with transparent cover

400 insulated end-sleeves DIN from 0,5 to 2,5 mm²

33.505.025	1		
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100 insulated end-sleeves DIN from 4,0-16 mm²

33.505.160	1		
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Electricians

End-Sleeves Assortment acc. DIN non insulated



round plastic box with transparent cover

500 non-insulated end-sleeves DIN from 0,25 to 1,0 mm ²	33.502.010	1		
500 non-insulated end-sleeves DIN from 0,5 to 2,5 mm ²	33.502.025	1		
500 non-insulated end-sleeves DIN from 0,75 to 4,0 mm ²	33.502.040	1		
500 non-insulated end-sleeves DIN from 4,0 to 16 mm ²	33.502.160	1		

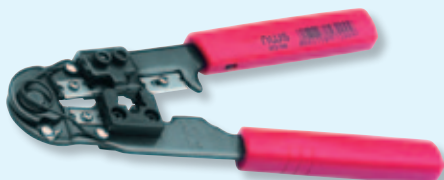
Pressing Pliers for modular connectors RJ45



for perfect, soldering-free, electric connections according to DIN For cutting and stripping flat telephone cable and pressing modular connectors

100 pcs	30.946.100	1		
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Pressing Pliers for modular connectors



for perfect, soldering-free, electric connections according to DIN for cutting and stripping flat telephone cable and pressing modular connectors

with 4-,6- or 8 poles	30.946.190	1		
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Crimping Pliers Economy



for perfect, soldering-free, electric connections according to DIN Ratchet crimping pliers, double crimping profiles Locking device for controlled pressing in one working process, to be unlocked In case of bad pressing an untimely stop by emergency release lever is possible

Ø0,5- 6,0 mm	30.946.220	1		
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Crimping Lever Pliers Professional



for perfect, soldering-free, electric connections according to DIN Ratchet crimping pliers, double crimping profiles Locking device for controlled pressing in one working process, to be unlocked In case of bad pressing an untimely stop by emergency release lever is possible Type of Pressing: non insulated connectors Minimum pressing operation in AWG: 20 Maximum pressing operation in AWG: 10 Minimum pressing operation in square millimetre: 0,5 Maximum pressing operation in square millimetre: 6,0 with opening spring

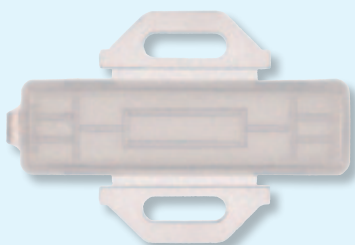
non insulated connectors Ø0,5-6,0 mm	30.947.230	1		
insulated end-sleeves Ø0,5-6,0 mm	30.948.210	1		
insulated end-sleeves Ø6,0-16,0 mm	30.949.210	1		

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Shrinking Tube Box


from polyolefin, shrinking rate 2:1,
shrinking temperature >100°C
temperature resistance -55°C up to +135°C

Assortment 280pcs, multicolour	33.405.280	1	
Box 1,2/0,6 black 20 m	33.401.120	1	
Box 1,6/0,8 black 20 m	33.401.160	1	
Box 2,4/1,2 black 15 m	33.401.240	1	
Box 3,2/1,6 black 15 m	33.401.320	1	
Box 6,4/3,2 black 12 m	33.401.640	1	
Box 4,8/2,4 black 12 m	33.401.480	1	
Box 9,5/4,7 black 12 m	33.401.950	1	

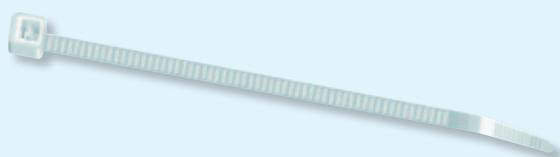
Cable Marker transparent


made of polypropylene

34x10mm Box with 100pcs	33.334.010	1	
45x20mm Box with 100pcs	33.450.020	1	

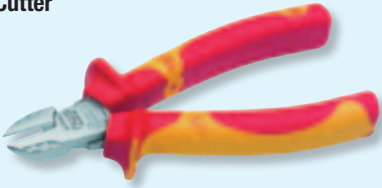




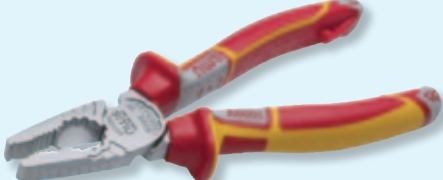

Marking Labels


for ref. 33.334.010 31 x 7 mm sheet with 175 pcs	33.331.007	1	
for ref. 33.450.020 41x16 mm sheet with 60 pcs	33.341.016	1	

Cables Ties


transparent

price per pack (100 pcs)			
75 x 2,4 mm	30.925.080	1	
100 x 2,5 mm	30.925.100	1	
150 x 2,5 mm	30.925.150	1	
200 x 2,5 mm	30.925.200	1	
300 x 3,6 mm	30.925.300	1	
370 x 4,8 mm	30.925.370	1	
430 x 4,8 mm	30.925.430	1	
set with 50 pcs			
500 x 8,0 mm	30.925.500	1	

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
VDE Side Cutter 	with inductive hardened precision cutting edges for hard and soft wires, optimum power transmission because of improved leverage, drop-forged, oil-hardened	160 mm	30.961.160	1		
VDE Heavy Duty Side Cutter with 	inductive hardened precision cutting edges (62HRC), for piano wire (D2-quality), optimum power transmission because of improved leverage, drop-forged, oil-hardened	180 mm	30.965.180	1		
VDE Electrician's Side Cutter 	with 4 functions: cutting - stripping - crimping - bend Stripping 1,5mm² and 2,5mm² for single and multiple conductors; precision cutting edges, induction hardened for finest wires, optimum power transmission because of improved leverage, drop-forged, oil-hardened	190 mm	30.962.190	1		
VDE Chain Nose Pliers (Radio Pliers) 	straight with induction hardened cutting edges for hard and soft wires, errated inside jaws, dropped-forged, oil-hardened	gerade 170 mm	30.951.170	1		
VDE Chain Nose Pliers, 45° 	with induction hardened cutting edges for hard and soft wires, serrated inside jaws dropped-forged, oil-hardened	bended 45° 170 mm	30.952.170	1		
VDE High Leverage Combination Pliers 	useful as Spanner, cutting edges additional induction hardened for soft and hard wires, grip zone for flats and rounds, optimum power transmission because of improved leverage, drop-forged and oil-hardened	180 mm	30.950.180	1		
VDE Cable Cutter 	for stripping and cutting copper and aluminium cable, precision polished, macro-serrated cutting edge, shaft profile, adjustable screw-joint, drop-forged, oil-hardened	160 mm	30.959.160	1		

VDE Electrician Screw Driver -Slot

Blade/Shaft made from chrome molybdenum vanadium steel, hardened to 57-59 HRC, black non peel finish. Handle core is polypropylene, injection moulded around the blade with a TPE soft grip over-mould. The handles are shatterproof down to -35°C



Slot	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
2,5 x 0,4 mm length 75/95 mm	36.025.075	1			
3,0 x 0,5 mm length 100/95 mm	36.030.100	1			
3,5 x 0,6 mm length 100/95 mm	36.035.100	1			
4,0 x 0,8 mm length 100/107 mm	36.040.100	1			
5,5 x 1,0 mm length 125/120 mm	36.055.125	1			
6,5 x 1,2 mm length 150/120 mm	36.065.150	1			
8,0 x 1,2 mm length 175/135 mm	36.080.175	1			



PZ	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
0 length 60/95 mm	36.100.060	1			
1 length 80/107 mm	36.100.080	1			
2 length 100/107 mm	36.100.100	1			
2 length 200/120 mm	36.100.200	1			
3 length 200/120 mm	36.100.150	1			



PH	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
0 length 60/95 mm	36.200.060	1			
1 length 80/107 mm	36.200.080	1			
2 length 100/120mm	36.200.100	1			



Modulo	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Gr. 1 length 80/107	36.301.001	1			
Gr. 2 length 100/120	36.301.002	1			

VDE Multifunctional Wire Stripping Pliers



3into1 Cut off, strip cable, strip wire; cutting edges induction hardened 62-64HRC

Cut: cable $\leq \varnothing 11\text{mm}$, soft wire $\leq \varnothing 6\text{mm}$, hard wire $\leq \varnothing 2\text{mm}$
 Strip cable: $\varnothing 5\text{-}16\text{mm}$, $3 \times 1,5\text{mm}^2 > 5 \times 1,5\text{mm}^2$
 Strip wire: flexible wire $\leq \varnothing 5\text{mm}$

30.982.280	1		
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Wire Stripping Pliers



with opening spring and v-shaped cutting edges, with adjusting screw, for wires and stranded conductors up to $\varnothing 5\text{mm}$ resp. 10mm^2 , drop-forged, oil hardened

160 mm	30.982.160	1	
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VDE Enzo-Tester



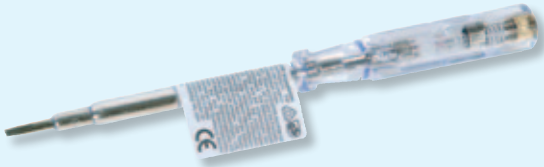
testing 220-250 Volt

190 mm

30.930.190

1

VDE Voltage Tester



100 mm

30.935.100

1

Non-Contact-Voltage Detector



suitable for non-contact AC voltage tests, e.g. earthing/ground connection checks, proper connection checks, broken wire detection, etc. Bright red LED illumination on detection of AC voltage. Double insulated to ensure safe use near live circuitry. Ergonomic, dual component body construction with a handy pocket clip.
SPECIFICATIONS: Voltage detection range: 70-1,000V AC Operating temperature: -10° to +50° Frequency range: 50 to 500Hz Indicator: Visual LED indicator
 Installation category: CAT III Power supply: 2 x 1.5V AAA batteries (not supplied)

30.935.210

1

VScrewdriver Set 5pcs



steel S2, HRC 56-60, 1000 Volt, red PPN-grip

slot: blade length:

75 mm blade: 3,0 / 100 mm blade: 4,0 / 125 mm blade: 5,5

cross: blade length:

80 mm blade PH1 / 100 mm blade PH2

30.880.115

1

Screwdriver Set 7pcs



CV-blade, 1000 Volt, red PPN-grip

slot: blade length:

75 mm blade: 2,5 / 100 mm blade: 4,0 / 125 mm blade: 5,5 / 150 mm blade: 6,5

cross: blade length:

80 mm blade PH1 / 100 mm blade PH2 VDE Voltage Tester

30.880.007

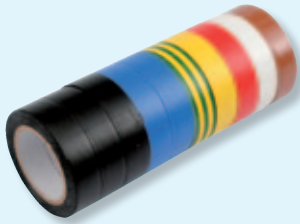
1

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

NH-Safety-Plug handle

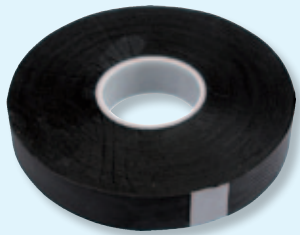

For replacing and changing low-voltage high performance fuses (low-voltage fuses), with contact knives according to DIN 43620 part 1 of sizes 00-3 for nominal voltage up to 600V ac

30.970.010	1		
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Isolating Tape


10 roles, 3x black, 2x blue 1x yellow with green stripes, 1x yellow, 1x red, 1x white, 1x brown, 10m length

15x0,13 mm	70.220.015	1		
19x0,13 mm	70.220.030	1		

Self vulcanizing tape


Track-resistant insulating tape. Provides tight, void-free, moisture-resistant electrical insulation. For splicing cables and building stress cones.

19x0,8mm	70.460.019	1		
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Multimeter Economy


with large LCD-Digits
 Designed to measure:
 DC voltage: 0 - 500V;
 AC voltage: 0 - 500V;
 DC current: 0 - 2A;
 Resistance: 0 - 2Mohm;
 diodes;
 transistors (hFE NPN PNP)

85.500.101	1		
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Electricians

Pen Multimeter (Professional)

This multimeter comes with alligators clips and an extension for measurement points, allowing the multimeter to be used in places that are normally difficult to access. The ability to use it in one hand and the data hold function make this an easy multimeter to operate. All measurement ranges, such as voltage (AC/DC), resistance, diode test, continuity test can be operated by a single finger pressing a button which activates the controls within. Such properties are important to technicians working in the sector for installations and machinery

- Easy, one hand operation
- High contrast LCD ensures that measurement values can be read easily in conditions of poor light
- Automatic range selection
- Data hold function
- Auto shut-off
- Designed with safety in mind
- Diode test
- Tests continuity
- Comes with extensions for measurement points, alligator clips, batteries, replacement fuse and user manual

Technical specifications

	Measurement range	Resolution Accuracy
Voltage	400,0 mV	0,1 mV
4,000 V	1 mV	±(1,0 % + 2 dgt)
40,00 V	10 mV	±(1,0 % + 2 dgt)
400,0 V	100 mV	±(1,0 % + 2 dgt)
600 V	1 V	±(1,2 % + 2 dgt)
Maximum input value	1000 V	
Input resistance	10 M Ω	
Voltage AC (40 Hz to 400 Hz)	1 mV	±(1,2 % + 3 dgt)
40,00 V	10 mV	±(1,2 % + 3 dgt)
400,0 V	100 mV	±(1,2 % + 3 dgt)
600 V	1 V	±(1,5 % + 3 dgt)
Maximum input value	1000 V	
Input resistance 10 M Ω		
DC current	40,00 mA	0,01 mA
400,00 mA	0,1 mA	±(1,5 % + 2 dgt)
Maximum input value	400 mA	
AC current	40,00 mA	0,01 mA
400,0 mA	0,1 mA	±(2,0 % + 3 dgt)
Maximum input value of	400 mA	
Resistance 400,0 Ω	0,1 Ω	±(3 %)
4,000 K Ω	1 Ω	±(3 %)
40,00 K Ω	10 Ω	±(3 %)
400,0 K Ω	100 Ω	±(3 %)
4,000 M Ω	1 KΩ	±(3 %)
40,00 M Ω	10 KΩ	±(3 %)
Transit test	coustic signal to <35 Ω	
Diode test	test voltage 3,4 V	
Dimensions	230 x 35 x 20 mm	
Weight	200 g	
Display	3-3/4 LCD-Anzeige	
Range selection	automatic	
Power	2 x LR44 batteries	
Low battery indicator when batteries are low		
Auto shut-off	after 10 min. without activity	
Standard	IEC 61010 ; CAT III / 600V; CE certified	

Delivery content:

- 1 x cable detector composed by a carrying case and a signal generator
- 1 x receiver
- 2 x batteries
- 2 testing cables
- 2 x alligator clips
- 2 x clips and user manual.

85.500.001

1



Wall Scanner Multifunction



This stud detector is featured with Large and clear 2" LCD display and uses electronic signals to locate the exact position of studs, ceiling joist AC wires and metal through drywall, concrete and other common wall materials. It calibrates automatically after starting up with sensitive induction.

Once the edge of a stud has been detected, it emits audio and visual signals (LCD Display) that allow you to easily identify and mark the center position with Pencil. This tool still detects live wire and output visual alarm (live wires caution symbol display in the screen) even when it is in stud detection mode or in metal detection mode.

Applications

Wires and pipelines distribution on upholstery, installation of electrical equipments (air conditioner and oil smoke extractor)
 Frame of wood furniture detection; Hang mirror, picture, cabinet, and shelves securely
 Install grab bar, ceiling fan, and chandelier; Find metallic pipes in concrete; Find electrical box, exhaust vent, conduit, rebar, and ducting; Trace hot wires behind ceiling, floor and wall;
 In construction and interior decoration; Detection of structures for installation of wooden furniture;
 Installation of doors and windows; Inspection and evaluation of Properties; Property Maintenance

Features

Large 2 inch (50.8 mm) LCD Display with Backlight screen
 3 in 1 Detector to Detects Wood Stud, Joists, AC Live Wires and Metals
 Wood joist scan detecting depth: 3/4 inches thick
 AC live wire scan detecting depth: 2 inches deep
 Metal scan detecting depth: 1 1/2 inches deep
 Metal scan mode locates metal pipes or rebar
 Automatic calibration when power on
 Easily find the edges and center
 Audible indication (beep) when target is detected

Specifications

LCD Display: 2 inch with LCD Backlight
 Object of Detection: Wood joists, AC Live Wires & Metals
 Detection Capability:
 Wood joists: Thickness of wall is 19.05 mm (3/4 inches)
 AC Live Wires: 50.8 mm (2 inches) deep away from the wall
 Metals: 38.1 mm (1 1/2 inches) deep away from the wall
 Power Supply: 1 x 9V battery (not included)
 Battery Life: 1 year with normal use
 Operating Temperature: 5 ~ 40 °C (41 ~ 104 °F)
 Dimensions: approx. 180 (L) x 75 (W) x 30 (D) mm (7.09' x 2.95' x 1.18' inch)
 Weight: approx. 170g (battery excluded)

One Set includes

1 x 3 in 1 Stud Scanner
 1 x Instruction Manual
 Standard Factory Package

85.800.003	1		
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Stud Detector



Wires & Metals Detection Capability:

Wood joists: Thickness of wall is 19.05 mm (3/4 inches)
AC Live Wires: 50.8 mm (2 inches) deep away from the wall
Metals: 38.1 mm (1 1/2 inches) deep away from the wall
Power Supply: 1 x 9V battery (not included)
Battery Life: 1 year with normal use
Operating Temperature: 5 ~ 40 °C (41 ~ 104 °F)
Dimensions: approx. 180 (L) x 75 (W) x 30 (D) mm (7.09' x 2.95' x 1.18' inch)
Weight: approx. 170g (battery excluded)

One Set includes

1 x 3 in 1 Stud Scanner
 1 x Instruction Manual
 Standard Factory Package

85.800.101	1		
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Cable Detector



can detect voltage lines up to 400 V in circuits and free-voltage lines. The cable detector can locate cables, lines, circuits, short circuits, ground as well as test protective tubing and coaxial cables.

To perform these functions, it is not necessary to disconnect the power source or to disconnect the power to the cable being tested. The location can be carried out in ground, concrete walls and brick walls by the cable detector. Cable detection system is composed of a signal generator for active lines and a transmitter for cables without current such as a receiver. The signal generator feeds high frequency electro-magnetic signals through the lines being tested. These signals are converted at the end of the cable, into acoustic or optical signals by the receiver. The intensity of the signal is the standard used for locating the line. In the signal generator both the signal power and the searching channel can be regulated. The cable detector can simultaneously work with diverse transmitters without any interference between them.

- Lines can be detected in floors, ceilings and walls.
- Detection of interruptions in cables, switches and fuse
- Detection of short circuits
- Detection of ground connection in triple phase mains power
- Follow protective tubing in water and heating
- Lines distribution

Functions of the components

Technical specifications

Operating temperature/humidity	0 ... 40 °C / max. 80 % r.F.
Storing temperature/humidity	-20 ... +60 °C / max. 80 % r.F.
Receiver	
Auto shut-off	approx. to 5 min.
Absorbed power	max. 40 mA
Display	LCD Display bar graph
Battery	9 V battery
Dimensions	192 x 61 x 37 mm
Weight	approx. 180 g
Signal generator	
Maximum voltage	400 V AC (0 - 60 Hz)
400 V DC	
Transmitting frequency	125 kHz
Display	LCD-Display
Auto shut-off	nach ca. 1 Stunde
Absorbed power	max. 18 mA
Battery	9 V Blockbatterie
Fuses	Flink, 0,5 A / 500 V, 6,3 x 32 mm
Overvoltage category	CAT III, 300 V
Dimensions	130 x 69 x 32 mm
Weight	130 g

Delivery content:

- 1 x cable detector composed by a carrying case and a signal generator,
- 1 x receiver,
- 2 x batteries,
- 2 x testing cables,
- 2 x alligator clips,
- 2 x clips and user manual.

85.500.010	1		
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Voltage Tester Testboy 40 Plus



combines two practical functions in a single device. It reliably displays AC and DC voltages in the range 6 to 400 V. In addition, the electronics facilitate determining the phase against the protective earth conductor. A distinguishing characteristic of the Testboy 40 Plus is its user friendly design. The robust housing guarantees long-term reliability and has gained the approval of many customers working in the demanding electrical and tool making sectors.

The combination of materials used for the high-quality housing and the rubber grip underline the professional appearance of this instrument. Absolute safety in performance - AC and DC voltage tests with polarity indication.

Benefits: 5 year manufacturer's warranty
IEC/EN 61243-3 (DIN VDE 0682-401)

85.500.040	1		
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Voltage Tester Testboy LCD Plus



combines the following 12 functions in a single device:
 Displays AC and DC voltages from 6 to 1000 V
 Single-pole phase testing
 Two-pole phase sequence testing
 Continuity testing up to 150 ohms (acoustic)
 Resistance testing up to 2000 ohms
 Diode testing
 Data Hold function
 Illuminated display
 Two-button fault current/RCD test
 LED torch (white)
 Removable 4mm test tips adapter
 Auto power Off
 The automatic power off function extends the life of the batteries.
 The LC display is a particularly professional feature of this instrument that makes it easy for the service or installation technician to display the phase and phase sequence.
 An acoustic signal is emitted to signalise a hazardous voltage when a 35V AC/DC voltage or above is detected.
 Pushbutton load connection prevents unwanted tripping of the RCD, and ensures measurements of the protective earth conductor can also be undertaken.
 Even when used daily the robust construction as well as the dust and waterproof housing guarantee a long service life.
 The test tips are protected by a removable cap that in turn is attached to the device.
 Benefits: 5 year manufacturer's warranty IEC/EN 61243-3 (DIN VDE 0682-401)

85.500.100	1		
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Pyrometer



ergonomic and easy to transport.

This light infrared pyrometer is attractive due to its size and its accuracy thanks to a visible laser pointer.

It pyrometer was designed for industrial use and for professionals working in inspection and maintenance of heating systems, ventilation systems, air conditioning units, in the automotive industry, for electrical systems and fuse boxes.

The pyrometer can be used in adverse conditions. It has a backlit LCD.

The pyrometer has a visible laser to quickly and accurately target the area to be measured allowing for measurements to be taken at certain distances if the object being measured is hot or difficult to access.

The emissivity is fixed at 0.95 and covers 90% of possible measurements taken.

- Fast measurement sequence
- Measured value display eligibly in °C or F
- Fixed emission ratio
- measuring spot ratio 8 : 1
- Automatic switch-off
- Battery operation
- Shiftable focus help
- compact and robust design

Technical Specifications

Temperature measuring range	-30 °C ... +260 °C - 22 ... +500 F
Resolution	1 °C
Accuracy	t 18 °C, <80 % rH ±4 °C (-30 °C ... 0 °C) ±2% or ±2 °C (0 °C ... +260 °C)
Response time	< 500 ms
Ambient temperature range	0...50 °C (32...150°F)
Power Supply	9 V bloc battery
Dimensions	159 x 57 x 79mm
Weight	180 g
Measuring spot (Measuring distance to measuring point size)	08:01
Emissionsgrad (fest eingestellt)	0,95
Lights shiftable	visible laser-point
LC Display	ja

Delivery content

1 x infrared thermometer, 1 x battery, 1 x carry bag, 1 x instruction manual

85.700.010 1

Laser Rangefinder

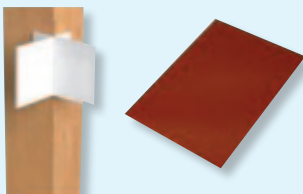


with lot of functions, addition, subtraction, area computation, volume computation, Pythagoras functions, for quick, easy and safe measurement

- addition,
- subtraction,
- area computation,
- volume computation,
- Pythagoras functions,
- for quick, easy and safe measurement

85.200.051 1

Target Plate

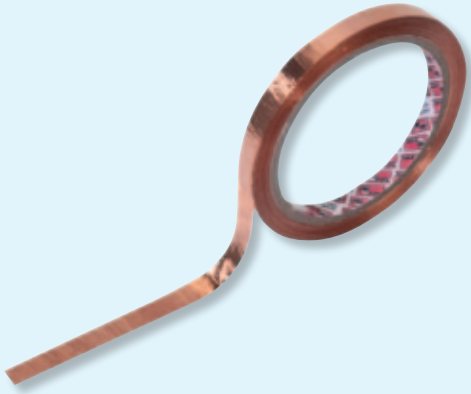


The laser fixed target makes it possible a better reflection from a long distance to the specific target. (it is recommended from 40-50 metres).

85.200.055 1

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Adhesive Copper Tape



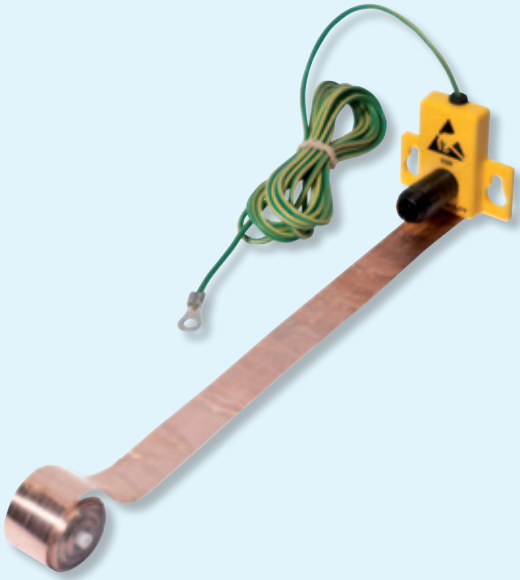
self adhesive, conductive acrylic adhesive, 0,06mm total thickness

9mm wide, 33m long

48.530.010

1

Floor Grounding Test Point Kit



with 1m adhesive copper tape

48.000.010

1

Torque Screwdriver Set

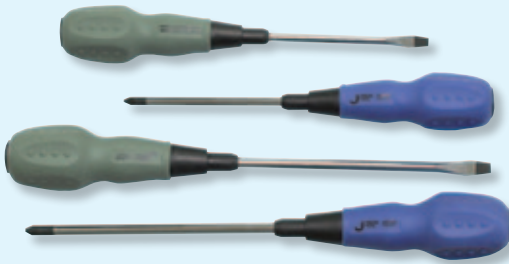


precision German engineering for reliability and long term performance. Micrometer type mechanism for quick & accurate torque setting. Audible & physical feedback when the pre-set torque level is achieved. Ergonomic soft grip handle for exceptional comfort and control. Chrome plated, toughened steel alloy blades for increased strength & durability. Calibrated in Nm and supplied with a factory calibration certificate.

30.950.100

1

Screwdriver Set 4pcs



CV-Blade, Softgrip
Slot: blade length:
 100mm blade: 5,0 / 150mm blade: 6,0
cross: blade length:
 100mm blade PH1 / 150mm blade PH2

30.878.004	1		
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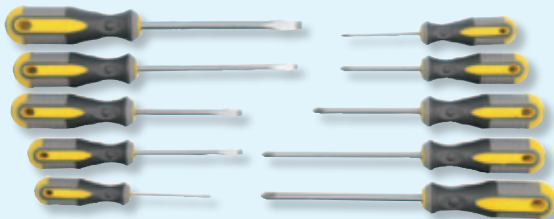
Screwdriver Set 6pcs (Wiha)



CV-Blade, black colour blade, 3 component handle, Made in Germany
Slot: blade length:
 100mm blade: 5,0 / 150mm blade: 6,0
cross: blade length:
 100mm blade PH1 / 150mm blade PH2

30.878.006	1		
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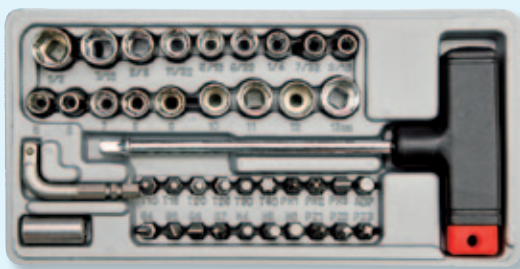
SScrewdriver Set 10pcs



CrV-Blade, Softgrip
Slot: blade length:
 75 mm blade: 3,0 / 100 mm blade: 5,0 / 100 mm blade: 6,0 / 150 mm blade: 6,0
 150 mm blade: 8,0
cross: blade length:
 75 mm blade PH0 / 75 mm blade PH1 / 100 mm blade PH2 / 150 mm blade PH2
 150 mm blade PH3

30.878.010	1		
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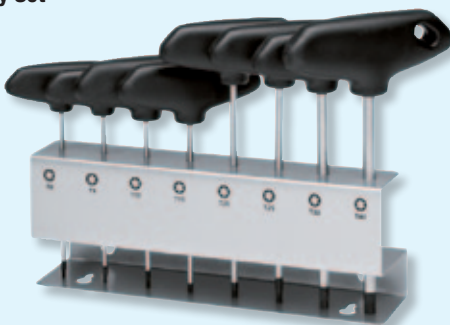
T-Grip Screwdriver Set 41pcs



CrV blade 25 mm
slot: 4/5/6/7
cross: PH1/PH2/PH
TX: T10/T15/T20/T25/T30/T40
Pozidriv: PZ1/PZ2/PZ3
hexagonal: H4/H5/H6
9 sockets: 5-13 mm 3/16"
9 sockets: 5-13 mm 1/2"

30.878.041	1		
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TX-Key Set

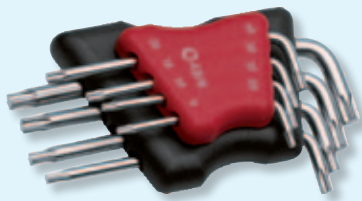


for TORX-screws,
8pcs T8, T9, T10, T15, T20, T25, T30, T40

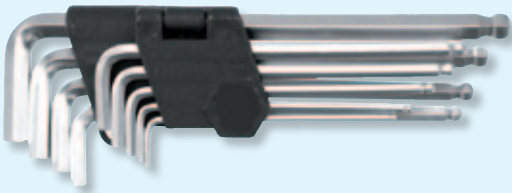
with T-handle	30.878.071	1		
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Electricians

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

TX-Key Set

**for TORX-screws,
8pcs T9, T10, T15, T20, T25, T27, T30, T50**

30.878.074	1		
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Hex Key Set 9pcs

2,5/3/4/5/5,5/6/7/8/10

30.878.009	1		
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Control Cabinet Key

**made from zinc casting 15,20cm (6")
for square profile 5/6/7-8mm,
triangle profile 9mm, 1/4" bit with slot 1,0x7,0mm and PH 2
made from tool steel, spezial hardened**

30.878.075	1		
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Universal Control Cabinet Key with belt clip

**square profile 5,6,7-8mm,
triangle profile 9mm**

30.878.085	1		
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Socket Driver Set 94-piece 1/2" 1/4"


- 1/2": 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm (L=38 mm); 27, 30, 32 mm (L=42 mm);
- 1/4": 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm (L=25 mm); CrV 50BV30;
- 1/2": 14, 15, 17, 19 mm (L=76 mm); 1/4": 6, 7, 8, 9, 10, 11, 12, 13 mm (L=50 mm); CrV 50BV30;
- 1/2" (127, 254 mm); 1/4" (50.8, 101.6 mm); CrV 50BV30;
- 3/8"(F) x 1/2"(M); CrV 50BV30; 1/4" (150 mm); CrV;
- 1/2", 1/4"; CrV 50BV30; 1/2": 16, 21 mm; CrV 50BV30;
- 1/4" (152 mm); CrV 50BV30;
- 1/2", 1/4"; 72T; CrV 6140; 1/4" (150 mm); CrV 50BV30;
- 5/16": 8, 10, 12, 14 mm (L=30 mm); AISI S2; 1/4": T8, T10, T15, T20, T25, T30; AISI S2 / CrV 50BV30;
- 5/16": 8, 10, 12 mm (L=30 mm); AISI S2; 1/4": 3, 4, 5, 6 mm; AISI S2 / CrV 50BV30;
- 5/16": PH3, PH4 (L=30 mm); AISI S2; 1/4": PZ1, PZ2; AISI S2 / CrV 50BV30;
- 5/16": PZ3, PZ4 (L=30 mm); AISI S2; 1/4": PH1, PH2; AISI S2 / CrV 50BV30;
- 5/16": T40, T45, T50, T55 (L=30 mm); AISI S2; 1/4": 4, 5.5, 7 mm; AISI S2 / CrV 50BV30;
- 1/2"x5/16"; CrV 50BV30; 1/4"x1/4"; CrV 50BV30; 1.5, 2, 2.5 mm; CrV 6150

30.900.094	1		
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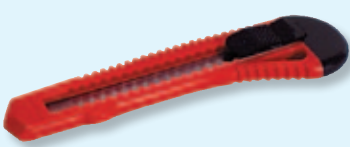


Electricians

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Pincer Professional 	Made in Germany 200 mm	30.896.200	1			
Pincer Economy 	Import 200 mm	30.896.210	1			
Tower Pincer Professional 	Knipex, with dip-paint isolated grip, mouth 20 mm, Made in Germany 250 mm	30.895.250	1			
Tower Pincer Economy 	Import 220 mm	30.895.220	1			
Comb Pliers Professional 	chrome-vanadium steel, HRC 58-62 acc. DIN 5746 180 mm	30.850.018	1			
Comb Pliers Economy 	Import, chromed matt 180 mm	30.855.018	1			
Waterpump Pliers 	chrome-vanadium steel, forged, with trapping protection, with dip-paint isolated grip, effortless length: 240 mm, Made in Germany	30.890.240	1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair	
Hammer Drill SDS-Plus	for concrete, stone, granite, reinforcement, walled, drill: S4, direction: right						
	Ø 6,0 mm length 160 mm	34.772.060	1				
	Ø 8,0 mm length 160 mm	34.772.080	1				
	Ø 10,0 mm length 160 mm	34.772.100	1				
	Ø 12,0 mm length 160 mm	34.772.120	1				
	Ø 14,0 mm length 160 mm	34.772.140	1				
	Ø 16,0 mm length 160 mm	34.772.160	1				
	Ø 10,0 mm length 450 mm	34.772.410	1				
	Ø 12,0 mm length 450 mm	34.772.412	1				
	Ø 14,0 mm length 450 mm	34.772.414	1				
	Ø 16,0 mm length 450 mm	34.772.416	1				
	Ø 18,0 mm length 450 mm	34.772.418	1				
	Ø 20,0 mm length 450 mm	34.772.420	1				
							
	Hammer Drill-Set SDS-Plus	for concrete, stone, granite, reinforcement, walled drill: S4, direction: right					
	Ø 5/6/8/10 length 110 mm	34.775.604	1				
							
Pointed Chisel SDS-Plus	250 mm	34.777.125	1				
	400 mm	34.777.140	1				
							
Flat Chisel SDS-Plus	250 mm	34.777.225	1				
	400 mm	34.777.240	1				
							
Spade Chisel SDS-Plus	250x40 mm	34.777.325	1				
							
Level Chisel SDS-Plus	250 mm	34.777.425	1				
							

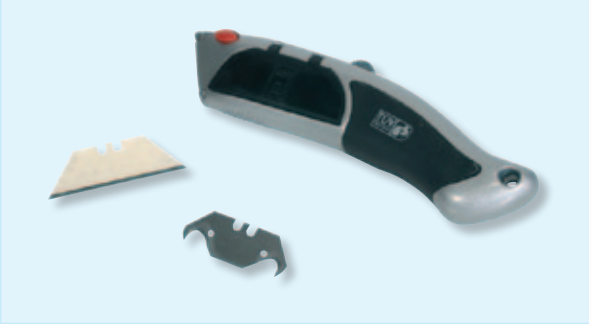
Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
BIT Set 	7pcs, Top quality, Made in Germany 1x magnetic holder 1x PZ1, 1x PZ2, 1x PH1, 1x PH2, 1x 0,8x5,5, 1x 1,2x6,5	30.880.017	1			
	B31 pcs, Top quality, Made in Germany 1x magnetic holder; slot: 4,5, 5,5 and 6,5 mm TX: 10, 15, 20, 25, 30 und 40 Hexagonal: 3, 4 and 5 mm 3x PZ: 1, 2 and 3 3x PH: 1, 2 and 3	30.880.031	1			
Carbide Tipped Core Bit 	suitable for sockets/junction box, SDS-Plus connection Ø 66 mm	30.875.060	1			
	suitable for sockets/junction box, SDS-Plus connection Ø 80 mm	30.875.080	1			
Wrecking bar hexagonal 18mm 	50 cm	30.800.051	1			
Wrecking Bar flat 	450x6x35 mm	30.800.045	1			
Cross Peen Hammer 	with ash handle and impact protection, acc. DIN 1041 300 g 500 g	30.800.003	1			
	30.800.005	1				
Club Hammer 	with ash handle 1000 g	30.800.001	1			
Pointed Chisel 	made of chrome-vanadium steel , hardened and annealed acc. DIN 7256 Ø 14 mm, 20 cm Ø 16 mm, 20 cm Ø 16 mm, 25 cm	30.820.014	1			
	30.820.016	1				
	30.825.016	1				
Mason's Chisel 	made of chrome-vanadium steel , hardened and annealed acc. DIN 7256 Ø 14 mm, 20 cm Ø 16 mm, 20 cm Ø 16 mm, 25 cm	30.920.014	1			
	30.920.016	1				
	30.925.016	1				

Electricians

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Scissor 	Economy stainless 11" (Import) stainless 11"	30.206.011	1			
Scissor 	Professional (Made in Solingen-Germany) stainless 11"	30.205.011	1			
Cutter Knife 	pistol handle, with snap-off blade blade width 18 mm	40.000.000	12	48		
Cutter Knife with metal guideline 	with snap-off blade blade width 18 mm	40.000.400	12			
Cutter Knife with metal guideline and lock wheel 	with snap-off blade blade width 18 mm	40.000.200	24			
Replacement Blade 	blade width 18 mm 10 blades per box price per box	40.000.001	1			

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

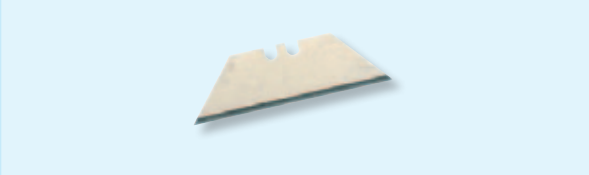
Automatic Knife



incl. 10 trapezoidal knives, blade change trough button, automatically blade transport, suitably also for hook blades

40.000.010	1		
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Replacement Blade



Trapezoidal blades for automatic knife

10 blades per box price per box

40.000.011	1		
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Replacement Blade

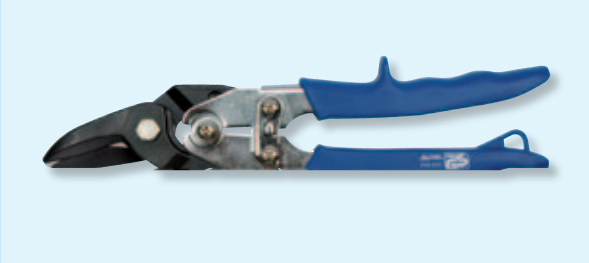


Hook blades for automatic knife

10 blades per box price per box

40.000.012	1		
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Tin Snips



right

29.740.410	1		
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Bolt Cutter



450 mm

29.744.450	1		
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Electricians

Use of broom

which kind of bristle is best for which type of dirt

Arenga	Palm fibre heat resistant, dust binding	for coarse and fine dirt
Elaston	Plastic fibre, wet strength, keep in shape	for coarse and wet dirt
Arenga/Elaston	Mix of arenga- and elaston fibres	for coarse and fine dirt (sand)
Bahia	Palm fibre, high flexible, wet strength, heat and grease resistant	for medium up to coarse dirt
Bahia/Elaston	Mix of bahia- and elaston fibre	for medium up to coarse dirt, also wet
PET	soft plastic fibre made of polyethylen, high flexible	for fine , dry dirt
Cocos	soft to rough cocos fibre	for shops if medium to fine dirt or chips

Arenga/Elaston Broom



Broom with Arenga/Elaston mix, especially suitable for removing sand, bristle length 75 mm

completely equipped				
50 cm	30.000.050	3	10	
60 cm	30.000.060	3	10	
compl. equipped prepared to adjust a metal stick holder (wing screws)				
50 cm	30.001.050	3	10	
60 cm	30.001.060	3	10	
extra completely equipped, with metal stick holder				
50 cm	30.002.050	3	10	
60 cm	30.002.060	3	10	

Hand Brush Arenga



bristle length 75mm

28 cm	30.001.028	3	10	
43 cm	30.045.028	3	10	

Elaston Broom



Broom with Elaston bristle (1,6 mm) bristle length 100 mm






40 cm	30.020.040	3	10	
50 cm	30.020.050	3	10	
60 cm	30.020.060	3	10	

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Bahia - Elaston Broom		fully equipped bristle length 110 mm				
		40 cm	30.040.040	3		10
Elaston Broom		with stick holder and scratch sheet bristle length 75 mm				
		40 cm	30.050.040	3		10
Piassava Broom		with stick hole, bristle length 100mm				
		40 cm	30.060.040	3		10
		50 cm	30.060.050	3		10
Hall Broom		fine, soft bristles, with metal stick holder, bristle length 68 mm				
		50 cm	30.000.051	3		10
Fine Hair Hand Brush		bristle length 55mm				
		30 cm	30.001.030	3		10
Cocos Broom		bristle length 75 mm				
		30 cm	30.010.030	3		10
		40 cm	30.010.040	3		10
		50 cm	30.010.050	3		10
		60 cm	30.010.060	3		10
Cocos Hand Brush		bristle length 75 mm				
		28 cm	30.001.029	3		10

Electricians

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Arenga Broom 	bristle length 75 mm					
	30 cm		30.030.030	3	10	
	50 cm		30.030.050	3	10	
	60 cm		30.030.060	3	10	
Dust Pan 	black varnished, wooden handle					
	22 cm		30.002.022	1	10	
Dust Pan Metal 	handle and pan made of one piece of metal, galvanised					
	22 cm		30.002.122	1	10	
Sticks 	wood					
	Ø 24 mm					
	1,40 m		30.324.140	5		
	1,40 m with metal thread		30.324.141	5		
	1,50 m		30.324.150	5		
	Ø 28 mm					
1,50 m		30.300.150	5			
2,00 m		30.300.228	5			
Extending/Telescopic Bar 	aluminium					
	1 x 60 cm		30.300.060	3		
	2 x 1,00 m with Clip		30.300.200	3		
	2 x 1,50 m with Clip		30.300.300	3		
	3 x 1,00 m with thread		30.310.310	3		

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Wire Brush 	Ø0,31 mm, straight					
	2-row	30.102.002	1			
	4-row	30.102.004	1			
Wire Brush stainless 	Ø0,31 mm, straight					
	2-row	30.102.012	1			
	3-row	30.102.013	1			
	4-row	30.102.014	1			
Wire Brush stainless 	Ø0,31 mm, corrugated					
	2-row	30.112.012	1			
	4-row	30.112.014	1			
Scaling Spatula 	blade thickness 1,15 mm, stabile, chamfered blade					
	5 cm	20.410.005	1			
	7 cm	20.410.007	1			
Spatula 	blade thickness 1,5 mm, blue blade with chamfer, total length approx. 40 cm					
	7 cm	30.203.007	1			
Floor Scraper 	with struts					
	Width					
	30 cm	30.200.030	1			
	replacement blade	30.201.030	1			
	replacement stick	30.201.000	1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Shovel round 	Frankfurt type					
	oil hardened	30.300.030	3		10	
Shovel flat 	Holstein type					
	oil hardened	30.300.031	3		10	
Shovel Handle 	ash tree shovel handle, acc. DIN 20151					
	1,30 m	30.300.038	3		10	
Waste Bag 	80 µm, 15 pcs/role, 120 litre, 70x110cm					
	transparent	40.410.120	1			
	blue	40.400.120	1			
PP-Sacks woven 	with top seam, suitable for rubble, white					
	max. load 15 kg 400 x 600 mm	40.410.015	10			
	max. load 50 kg 600 x 1050 mm	40.410.050	10			

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

LED Head Light



17 LED, adjustable, angle of inclination, dust and splashing water protected, battery: 3x1,5V AAA without battery

99.490.017	1		
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LED Flashlight



21 LED, super bright, aluminium case, dust and splashing water protected, incl. battery and bag

99.497.021	1		
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Construction Light (~700Watt)



Extremely stable, surface-coated frame. Lights swivel and can be fixed. Comp. to halogen lights: appr. 4x brighter light, appr. 10x longer life span, appr. 10x lower temperature, appr. 4x lower electricity consumption. Break and impact resistant plastic housing. With 2 water-jet protected earthed sockets outlets 230V/16A with self-closing protective caps on the back. ON/OFF switch. Inclusive 4x55 Watt „low energy“ compact lamps. Fitting 2 G 11 Dimensions: WxHxD 490x690x240 mm

99.454.105	1		
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Construction Light (~700Watt)



„Cold light“-work lamp., Advantage compared to Halogen Lights: approx. 4xbrighter light, approx. 10xlonger life span than usual bulb, approx. 10xlower temp., approx. 4xlower electricity consumption, possibility of high energy savings! Break and impact resistant plastic housing. With 2 sockets on the back. ON/OFF switch.Electronic ballast. With special rubber cable and water-jet protected earthed plug. Inclusive 3x36 Watt „low energy“ compact lamps. Dimensions: WxHxD 500x270x100 mm

99.454.108	1		
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Construction Light (~300Watt)

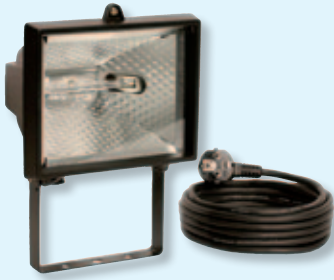


Extremely stable, surface-coated frame. Lights swivel and can be fixed. Comp. to halogen lights: appr. 4x brighter light, appr. 10x longer life span, appr. 10x lower temperature, appr. 4x lower electricity consumption. Break and impact resistant plastic housing. With 2 water-jet protected earthed sockets outlets 230V/16A with self-closing protective caps on the back.

ON/OFF switch. Inclusive 1x55 Watt „low energy“ compact lamps. Fitting GR10q Dimensions: WxHxD 290x290x80 mm

99.454.110	1		
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Halogen Floodlight



(IP44) incl. 5m rubber-sheathed cable H07 RN-F, 3G 1,0mm², suitable for outdoor use, Dimension WxHxD

350 x 280 x 170 mm
500 Watt (11.000 Lumen)

99.400.050	1		
99.400.150	1		

343 x 250 x 242 mm
1500 Watt (33.000 Lumen)

Telescopic tripod

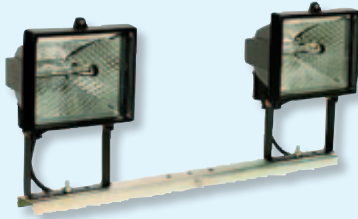


for construction lamps and halogen floodlights continuously adjustable

1,0-2,5 m

99.444.250	1		
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Crossbar

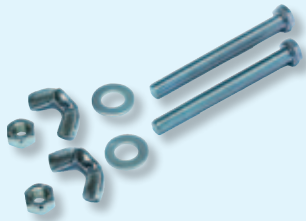


for installation of 2 halogen floodlights or construction lamps on the tripods

60 cm

99.444.002	1		
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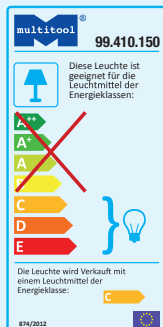
Screw Set



10 pcs. screw-set for the installation of 1 construction lamp on the suitable crossbar

99.444.010	1		
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Halogen Floodlight 1000 Watt



incl. 5m rubber-sheathed cable H07 RN-F, 3G1,0. The floodlights are made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S and a junction box with grounding terminal. All models are suitable for outdoor areas. Dimension: WxHxD 405x400x340 mm, H07RN-F 3G 1,0mm² Cable

1000 Watt

99.410.150	1		
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Halogen Floodlight Economy



multitool® 99.420.500

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: D

874/2012

(IP44) incl. 1,5m rubber-sheathed cable H05 W-F, 3G 0,75mm². The floodlights are made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S and a junction box with grounding terminal. All models are suitable for outdoor areas. Dimension HxLxD 195x320x155 mm H05W-F 3G 0,75mm² cable

500 Watt	99.420.500	1		
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Halogen Floodlight Professional



multitool® 99.420.502

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: C

874/2012

with 400 Watt bulb (=500W standard bulb) for permanent outside use, 5m cable H07RN-F, 3G1,0mm², stable protective lattice and a heat-resistant safety glass, large housing for better heat dissipation, leading to an increase in the life of the bulb, bulbs can be changed without using tools, Fitting R7s, Dimension HxLxD 260x360x230 mm H07RN-F 3G 1,0mm² cable

500 Watt	99.420.502	1		
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Halogen Floodlight 500Watt with mobile tripod



multitool® 99.430.500

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: C

874/2012

tripod 0,8-1,8m 500 Watt, incl. 5m rubber cable H05 W-F, 3G 0,75mm². made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S and a junction box with grounding terminal. All models are suitable for outdoor areas. Dimension LxHxD 185x180x155mm

500 Watt	99.430.500	1		
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2 Halogen Floodlight with mobile tripod



multitool® 99.430.520

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

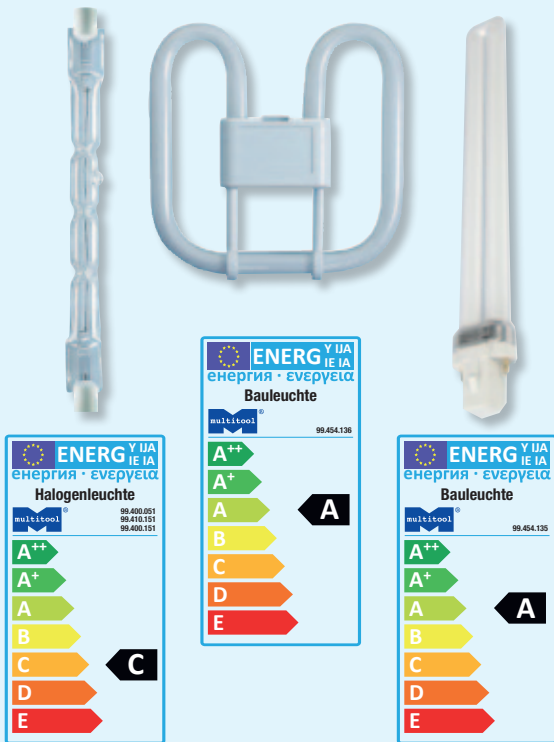
Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: D

874/2012

500 Watt, incl. 3m rubber cable, made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S. Suitable for outdoor areas (IP 44). Tripod from 0,8 to 2,0m, H05W-F 3G 0,75mm² cable

2 x 500 Watt	99.430.520	1		
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Replacement Lamp



Replacement Lamp 500 Watt
for ref. 99.400.050, 99.420.500,
99.430.500,99.430.520

99.400.051 1 5

Replacement Lamp 1000 Watt
for Halogenstrahler Art. 99.410.150

99.410.151 1 5

Replacement Lamp 1500 Watt
for ref. Art. 99.400.150

99.400.151 1 5

Replacement Lamp
for ref. Art. 99.454.108

99.454.136 1

Replacement Lamp
for ref. Art. 99.454.110

99.454.135 1

LED Battery Work Lamp



With 28 extra-bright LDs with special optics.
Approx. 4-5 hours constant use when fully charged. Integrated NI MH Battery.
Inclusive 230V charger. Rubber-clad housing. 360° swivelled, retractable hanging
hook and magnetised base for optimal attachment.
ON/OFF switch

99.414.028 1

LED Battery Work Lamp



2 step operation: Large light emitting surface with 36 extra-bright LEDs and special
optics, additionally a single Power LED at lamps head for extra long operation.
Integrated rechargeable NI MH Battery. Inclusive 230V charger and 12V charger for
cars. With fully charged battery up to 4 hours operation with the large light, and up
to 12 Hours with the single light. Shockproof casing with rubberised surface.
360° swivelled, retractable hanging hook and magnetised base for optimal
attachment.
ON/OFF switch

99.414.036 1

Electricians

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Cable Drum 40m


Splashwater protected, protection type IPX4 Plastic cable reels with H07RN F3G1,5 according to BGI 608 Design in plastic sheet, Ergonomic handle, Plug parking position, Rotation stop switch, Steel reel connected to earth, Can be used in standing or flat position, Extremely stable thanks to low centre of gravity

40 m	31.500.040	1		
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Cable Drum Ø1,5 16A 30m


According to BGI 608, VDE 0100 1CEE plug 400V/16A, 2 water-jet protected sockets 230V, 1 CEE socket 400V/16A. Reel body made from special Breflex plastic on a galvanised frame. Ergonomic handle and axle for precision cable-management when winding and rewinding. With 3-pin safety cut-out and thermal overload protection. Earthed sockets connected to separate phases. 3 year manufactures guarantee. 30m black cable H07RN-F 5G1,5

30 m	31.515.030	1		
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Cable Drum Ø2,5 16A 20m


According to EN61316, BGI 608, VDE 0100 1CEE plug 400V/16A, 2 water-jet protected sockets 230V, 1 CEE socket 400V/16A. Reel body made from special Breflex plastic on a galvanised frame. Ergonomic handle and axle for precision cable-management when winding and rewinding, with 3-pin safety cut-out and thermal overload protection, earthed sockets connected to separate phases, 3 year manufactures guarantee, black H07RN-F 5G2,5 cable

20 m	31.525.020	1		
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Extender Cable 220V, black


Quality building site cable IP44 for outside use, on construction site, trade and industry, with earthed plug and socket, H07RN-R 3G1,5 cable

10 m	31.561.010	1		
25 m	31.561.025	1		

Extender Cable 220V, red


Quality building site cable IP44 for outside use, on construction site, trade and industry. With earthed plug and socket. H07RN-R 3G1,5 cable

10 m	31.562.010	1		
25 m	31.562.025	1		

Extender Cable 220V, black, with Power block



Heavy-duty cable IP 44 with Power block Ideal for hard outdoor use, trade, industry and construction sites, top quality, with break-resistant plastic housing. 4 water-jet protected socket outlets with self-closing protective caps against dust and contamination, with foldable metal hook

5 m	31.584.005	1		
10 m	31.584.010	1		

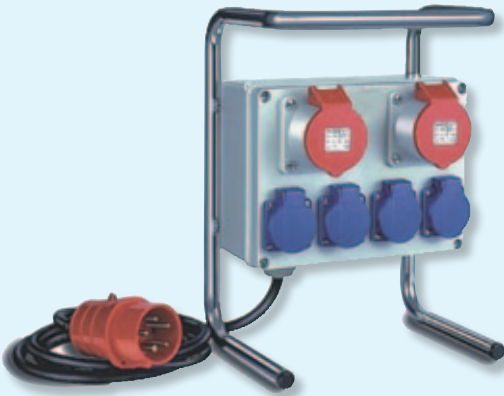
CEE Extender Cable 16A



IP44, black, for hard outdoor use, trade, industry and construction site. H07RN 5G1,5

10 m	31.571.010	1		
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Small Energy Station



IP44, for hard outdoor use, trade, industry and construction site, H07RN-F 5G1,5, solid, break-resistant plastic housing, jet-water protected, earthed sockets with 3 phases.

fitted to a robust, steel-tube frame for safe standing	31.607.001	1		
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Small Energy Station



like ref. 31.607.001 with handle for easy carrying

	31.607.100	1		
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Electricians

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Hot Glue Gun Economy



glue sticks Ø12 mm
max. temperature: 205 °C
voltage: 230 Vac
heating-up time: 5 Minutes
glue output: up to 600 g/h
Nozzle unchangeable

86.110.035	1		
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Hot Glue Gun Professional



Semi-Industrial glue gun for very intensive use
High glue output : up to 1600g/h
Exchangeable nozzle Glue gun for professional users.
Two pre-set temperatures (185°C and 200°C).
High glue output (up to 1600 g/h). Silicon protected nozzle, and extra stable stand.
Various types of nozzle are available as optional accessories.
Adjustable temperature: Yes, Interchangeable nozzles: Yes, Heating time: 7min
Glue stick diameter: 12mm Glue output g/h: 1600g/h Power W: 400W Width: 87.00
Height: 325.00 Depth: 340.00 Weight: 1870 Use for: Car industry, carton closing,
electronic, wood assembly, furniture, cable fixing
Material: Top Class ABS and Glass Fibre Packaging unit: 1
Other: EG330 220-240V

86.200.160	1		
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Hot Glue Gun Battery



Glue gun with lithium-ionic battery,
for sticks with Ø12mm,
new heater,
bi-injected handle,
innovative trigger system and Li-Ion technology provide full flexibility, freedom and
comfort to bond all kind of material adjustable temperature: no exchangeable
nozzle: yes
heating-up time: 4 min
glue output: 350 g/h 300 Watt

86.200.025	1		
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Glue Sticks



transparent,
length 19 cm, Ø12 mm,
universal use pot life

20 sec	86.110.060	1	
60 sec	86.190.060	1	

Electricians

Hot Air Gun Standard



Hot air gun for removing paint but also usable for lighting the barbecue, loosening tight nuts, bending metal/plastic pipes etc. Comes with paint scrapers and nozzles, packed in a handy plastic case. Features: Over-heating protection, Safe usage in self-standing position, Cool Air Stage, Perfectly balanced, Hanger, Anti-Slip Soft Grip, Two temperature- and air blow levels, Ergonomic design
Set of paint scrapers and 4 nozzles included
Airflow I/min500 I/min
Temperature C45/550°

86.300.210	1		
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Hot Air Gun Professional



operates with programmable temperature and airflow to achieve a rapid shrink action. I with 350°C; II with 500°C

2000 Watt

86.300.250	1		
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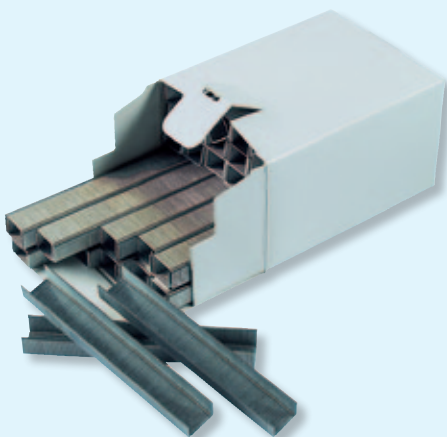
Manual stapling gun



with high punch, for staples 4 - 8 mm

29.410.001	1		
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Replacement staples



Box with 6 mm staples 6000 pcs. price per box

29.410.006	1		
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Box with 8 mm staples 5000 pcs. price per box

29.410.008	1		
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Cartouche pistol AKKU

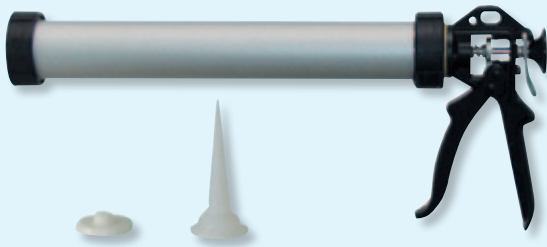


Powerful battery charging unit with infinite speed control for processing of 310 ml cartridges and 600ml bag cartridges. Max pressure 300 kg, the infinitely adjustable electronic control of 635 mm/min enables adaptation to various joint widths, cartridge fills and nozzle diameters, locking against unintentional switch on.

with case

30.680.018	1		
30.680.019	1		

Cartouche pistol



for seal bags and cartridges

320 ml
600 ml

replacement spare pointed
replacement plate
replacement ring

30.600.320	1		
30.600.600	1		
30.600.601	10		
30.600.602	10		
30.600.603	10		

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Folding Rule 2 m 	wood	40.200.001	1			
	glasfibre	40.200.002	1			
Vernier Caliper manual 	stainless					
	150 mm	31.400.001	1			
Vernier Caliper digital 	display shows mm or inch					
	150 mm	31.400.003	1			
Steel Measuring Tape 	steel					
	50 m	40.200.050	1			
Try Square 	Aluminium					
	300 mm	40.280.030	1			

PVC Masking Tape



smooth, high stretchable plastic tape, highly UV-resistant, can be used outdoor up to 6 weeks

yellow				
30 mm x 33 m	70.200.030	4	60	
50 mm x 33 m	70.200.050	4	36	
white				
30 mm x 33 m	70.210.030	4	60	
38 mm x 33 m	70.210.038	4	48	
50 mm x 33 m	70.210.050	4	36	

Universal Cloth Tape Standard



heavy duty, oil resistant, tear- and water proofed cloth tape, PE-coated cloth, coated with a special natural rubber glue, for smooth surfaces, UV-resistant up to 14 days, even at low temperatures

38 mm x 25 m	70.700.338	4	32	
50 mm x 25 m	70.700.050	4	24	

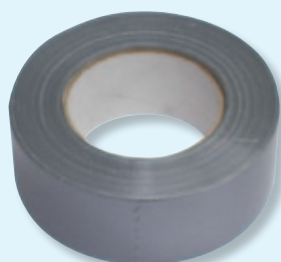
Universal Cloth Tape Premium



heavy duty, tear- and waterproof, PE-coated cloth (high mash), coated with a special natural rubber glue of high UV stability and tackiness, even at low temperatures

38 mm x 50 m	70.703.038	4	36	
50 mm x 50 m	70.703.050	4	24	

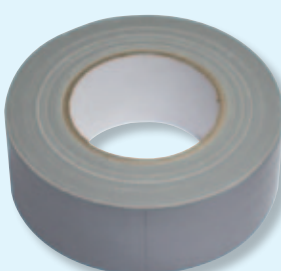
Duct Tape Standard



PE-coated, very adhesive, for rough surfaces, medium cloth texture, synthetic rubber, do not apply an aluminium and plastic, 200 µm

38 mm x 50 m	70.701.138	4	32	
48 mm x 50 m	70.701.150	4	24	







Duct Tape Premium



PE-coated, very adhesive, for rough surfaces, high cloth texture, natural rubber adhesive, do not apply on aluminium and plastic, 2 weeks UV-protection 300 µm

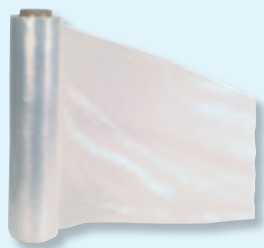
38 mm x 50 m	70.702.038	4	30	
50 mm x 50 m	70.702.050	4	24	

Electricians

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Deep Hole Marker 	Marking and writing tool with perm. ink, can be washed off of smooth surfaces with alcohol stainless steel telescopic tip, for hard to reach areas, thickness Ø1,4 mm black blue red	30.995.003 30.995.005 30.995.004	1 1 1			
Deep Hole Marker 	Marking and writing tool with permanent ink, can be washed off of smooth surfaces with alcohol stainless steel telescopic tip (self retracting), for hard to reach areas and all surfaces, with 3 standard colours with Ø2,8 m	30.995.010	1			
Deep Hole Replacement Marker 	Pica Dry Replacement 2 Stck. – RED 2 Stck. – YELLOW 4 Stck. – GRAPHITE	30.995.110	1			
Wax Mark-Chalks 	Pack with 12 pcs yellow blue red crayon holder	40.250.001 40.250.002 40.250.003 40.251.025	1 1 1 1			
Carpenter's pencil 	good quality	40.230.025	5			
Barrier Tape 	made of Polyethylene, both sides red/white, in cardboard box 80 mm x 500 m	40.400.580	1			

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Stretch Foil



0,023 mm thick foil

50 cm x 300 m

40.820.055

1

6

Viscose Sponge



**highly hygroscopic and high fluid absorption,
chemical and acid resistant**

150x110x35mm

21.150.035

3

Hygroscopic Sponge



**for cleaning tiles after grouting,
extreme hygroscopic foam**

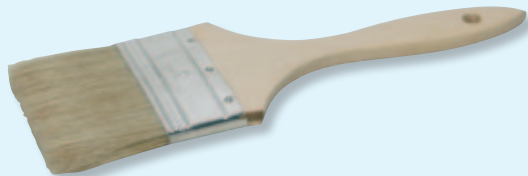
165x110x65 mm

21.160.070

3

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Enamel Brush 	light natural bristle					
	size 1 Ø 12 mm, vbl 28 mm	017.101	12		120	
	size 2 Ø 14 mm, vbl 28 mm	017.102	12		120	
Radiator Brush Good Standard Quality 	grey PBT/natural bristle mix, approx. 70-80% tops					
	1" ferr. thickness approx. 10mm, vbl 40mm	011.110	12		360	
	1,5" ferr. thickness approx. 10mm, vbl 45mm	011.115	12		300	
	2" ferr. thickness approx. 11mm, vbl 45mm	011.120	12		240	
	2,5" ferr. thickness approx. 12mm, vbl 50mm	011.125	12		180	
	3" ferr. thickness approx. 12mm, vbl 56mm	011.130	12		120	
Linedrawer angled 	black china bristle, approx. 80% tops					
	10 mm	013.010	12			
	15 mm	013.015	12			
	20 mm	013.020	12			
	25 mm	013.025	12			
	30 mm	013.030	12			
Ceiling Brush Economy 	synthetic bristles, light coat, dark insertion, punched in bundles, plastic handle with thread and bucket hook, vbl 70 mm					
	17x7 cm	014.030	6		12	
Tar Brush 	heat resistant fibre bristles					
	17x7 cm vbl 65 mm	014.040	1		12	
	17,5x8 cm vbl 70 mm	014.041	1		12	
Wall Brush Economy 	light china bristles, plastic handle with thread and bucket hook, vbl 45 mm					
	3x7 cm	014.048	12		60	
	3x10 cm	014.049	6		60	
	3x12 cm	014.050	6		60	
	4x14 cm	014.051	6		60	

Flat Brush Economy 1st grade



light PBT/natural bristle mix, untreated wooden handle, approx. 70% tops

25 mm	015.210	12	120
vbl 38 mm			
35 mm	015.215	12	120
vbl 41 mm			
50 mm	015.220	12	120
vbl 43 mm			
60 mm	015.225	12	120
vbl 47 mm			
70 mm	015.230	12	120
vbl 48 mm			
80 mm	015.240	12	120
vbl 55 mm			

Flat Brush Economy 6th grade



light PBT/natural bristle mix, blue plastic handle, approx. 70% tops

25 mm	015.510	12	120
vbl 45 mm			
35 mm	015.515	12	120
vbl 45 mm			
50 mm	015.520	12	120
vbl 45 mm			
60 mm	015.525	12	120
vbl 45 mm			
70mm	015.530	12	120
vbl 45 mm			

Round Brush Economy



light chinese bristles,short, white rope, 60% tops





size 2	017.002	12	120
Ø 20 mm, vbl 35 mm			
size 4	017.004	12	120
Ø 25 mm, vbl 35 mm			
size 6	017.006	12	120
Ø 30 mm, vbl 35 mm			
size 8	017.008	12	120
Ø 35 mm, vbl 35 mm			
size 10	017.010	12	120
Ø 40 mm, vbl 40 mm			
size 12	017.012	12	120
Ø 45 mm, vbl 40 mm			

Round Brush Standard Quality



light PBT/natural bristle mix, approx. 90% tops

size 2	017.202	12	120
Ø 20 mm, vbl 65 mm			
size 4	017.204	12	120
Ø 25 mm, vbl 65 mm			
size 6	017.206	12	120
Ø 30 mm, vbl 75 mm			
size 8	017.208	12	120
Ø 35 mm, vbl 80 mm			
size 10	017.210	12	120
Ø 40 mm, vbl 85 mm			
size12	017.212	12	60
Ø 45 mm, vbl 85 mm			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Trowel 	blade thickness 0,75mm, untreated wooden handle, 13x28 cm					
	carbon steel	20.100.001	3		30	
	stainless steel	20.101.001	3		30	
Brick Trowel 	stainless, untreated wooden handle, blade thickness 1,1 mm					
	16 cm	20.751.016	3			
	18 cm	20.751.018	3			
	carbon steel, varnished handle					
	18 cm	20.750.018	3			
Plasterer Trowel 	stainless, blade thickness 0,75 mm, untreated wooden handle					
	12 cm	20.600.120	3			
	14 cm	20.600.140	3			
Stuccoists Spatula 	stainless, blade thickness 0,75 mm, untreated wooden handle					
	4 cm	20.800.004	3		20	
	6 cm	20.800.006	3		20	
	8 cm	20.800.008	3		20	
	10 cm	20.800.010	3		20	
Spatula Japanese Style 	11cm high, Set with 5,8,10,12cm beam					
	stainless	20.131.512	3		10	
	plastic	20.131.614	3		10	
Painters Spatula Economy 	blade thickness 0,4 mm, varnished handle, flexible sheet					
	4 cm	20.404.004	3		12	
	6 cm	20.404.006	3		12	
	8 cm	20.404.008	3		12	
	10 cm	20.404.010	3		12	
Painters Spatula Professional 	blade thickness 0,75 mm, made from hardened steel, stronghold sheet, conical abraded, with wooden handle					
	4 cm	20.402.114	3		12	
	6 cm	20.402.116	3		12	
	7 cm	20.402.117	3		12	
	8 cm	20.402.118	3		12	

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Cotton-Polyester-Latex Glove



seamless glove with micro porous latex coated and roughened palm for sensitiveness and more grip, breathable backside, comfortable and flexible, abrasion resistant

size 9	60.240.009	12	72
size 10	60.240.010	12	72

Cotton-Polyester-Latex Glove



seamless knitted terry glove, green latex coating on palm and finger tips, perfect grip Category 2 EN 388

size 9	60.280.009	12	144
size 10	60.280.010	12	144

Winter Blocker Glove



seamless knitted terry glove, yellow, blue latex coating on palm and finger tips, perfect grip

size 9	60.850.009	12	72
size 10	60.850.010	12	72
size 11	60.850.011	12	72

white, pre-powdered, non sterile



white, pre-powdered, non sterile, beaded cuff Box with 100pcs

XL	60.700.010	1	
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Cotton-Nitrile Glove Economy



yellow, nitrile coating on interlock liner, open back, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

size 9	60.300.009	12	144
size 10	60.300.010	12	144
size 11	60.300.011	12	144

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Cotton-Nitrile Glove Premium

yellow, nitrile coating on interlock liner, perfect fit, open back, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

size 9	60.340.009	12	144
size 10	60.340.010	12	144

PU-Nitrile-Stretch Glove with knobs

seamless knitted glove, special grey and flexible stretch material, very soft black coating on palm and finger-tips, dotted palm, perfect fitting, EN420, EN388 CAT2

size 9	60.480.009	12	144
size 10	60.480.010	12	144

PU-Nitrile-Stretch Glove

seamless knitted glove, special grey and flexible stretch material, very soft black coating on palm and finger-tips, dotted palm, perfect fitting, EN420, EN388 CAT2

sizeBe 9	60.481.009	12	144
sizeBe 10	60.481.010	12	144

PU-Stretch Glove

grey, palm and finger tips with grey PU coating EN420 & EN388 CAT2

size 9	60.430.009	12	144
size 10	60.430.010	12	144

Latex-Nylon Stretch Glove

grey, open back, knitted wrist, black latex coating EN420 & EN388 CAT2

size 9	60.460.009	12	144
size 10	60.460.010	12	144
size 11	60.460.011	12	144

Nitrile-Nylon Stretch Glove



knitted glove, open back, with micro-foam-nitrile coating, breathable, excellent fit, extreme good sense of touch CE CAT2

size 9	60.470.009	12	144
size 10	60.470.010	12	144

Nitrilefoam-Nylon Stretch Glove



knitted glove, back of hand partly coated with micro-foam-nitrile coating, breathable, excellent fit, extreme good sense of touch CE CAT2

size 9	60.475.009	12	144
size 10	60.475.010	12	144

Nitrile-Nylon Stretch Glove



Nylon/Spandex knitted glove, back of hand partly coated, liquid proofed inside and back of glove double nitrile coating, on top a slip resistant nitrile coating (only inside)

size 9	60.477.009	12	72
size 10	60.477.010	12	72

Cotton Drill Gloves



natural grey, 8 oz., knitted wrist

size 10	60.900.009	12	240
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Cotton Jersey Gloves



natural grey, ambidextrous, 26 cm length

size 10	60.920.010	12	240
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Cow Leather-Cotton Glove Premium



leather thickness min 1,2mm, good quality, with rubberised cuff CAT2

size 10

60.112.010

12

120

Vinyl-Cotton Glove



an alternative to leather gloves Ref.Nr. 60.111.010 because chromate free

size 10

60.610.010

12

120

Hand cleaner



special cleaner for resins, sensational cleaning performance

- skin-friendly solvent
- without abrasive agents
- all free from artificial scents and preservatives
- excellent skin compatibility
- dermatologically tested
- bio-degradable

1 litre	98.000.001	1		
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Scrubs in a bucket



Citrus-based formula on tough towel Dissolve and absorb grease Pumice Soap on pre-moistened towels Removes, grease, paint, caulk, tar, oils, dirt, ink, dye, sealants & more

72 towels per bucket	98.900.001	1	6	
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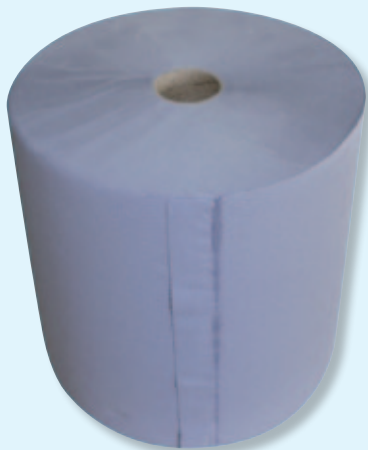
Non-woven Cloth



40x40 cm, approx. 500 pcs price per 10 kg

10 kg	98.810.010	1		
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Cleaning Paper Role



blue, 1000 sheet á 36cm 3 layers

	98.815.035	1		
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PP-CPE Protection Shoe



made of polypropylene, with CPE outsole, for walking on new floors to protect against scratching
price per pcs

92.000.003	50	100
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PP-CPE Protection Shoe



with PVC sole, for walking on new floors to protect against scratching, slip resistant and antistatic
price per pcs

92.000.004	10	100
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Aerosol marking paint



on acryl resin base for professional workers suitable also for over head use

orange

45.060.006	1	12
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4

Drywall Builder



Aerated Concrete Saw	4 - 10	Facade Rake	4 - 4
Aerosol marking paint	4 - 22	Facade Spatula	4 - 4
Barrier Type	4 - 23	Face Shield Crème	4 - 54
BIT Set	4 - 32	F-Clamp	4 - 25
Block Brush	4 - 1	Flat Brush	4 - 2
Bolt Cutter	4 - 8	Flex- Duo Spatula	4 - 16
Broad Brush	4 - 1	Flexible Grinding Disc	4 - 48
Broom	4 - 12	Float	4 - 17
Broom Handle	4 - 15	Floating Tool Rabott	4 - 18
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Bucket	4 - 46	Folding Ruler	4 - 41
Bucket Carrier	4 - 46	Gloves	4 - 50
Cable Drum	4 - 37	Glue Sticks	4 - 39
Cable Ties	4 - 27	Grinding Board	4 - 8
Carbide Tipped Core Bit	4 - 32	Grinding Disc	4 - 47
Carpenter's Pencil	4 - 23	Grinding Mopp Disc	4 - 47
Ceiling Brush	4 - 1	Ground Plate	4 - 48
Chalk	4 - 22	Gypsum Saw	4 - 10
Chisel	4 - 24	Halogen Floodlight	4 - 34
Chisel SDS-Plus	4 - 31	Hammer	4 - 24
Cleaning Cloth	4 - 54	Hand Broom	4 - 12
Cleaning Disc	4 - 48	Hand Cleaner	4 - 54
Cleaning Paper Roller	4 - 55	Hand Grinder	4 - 49
Cleaning Towel	4 - 54	Hand Tacker	4 - 11
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Club Hammer	4 - 24	Hex Key Set	4 - 29
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Dust Pan	4 - 13	Multilayer Paper Role	4 - 21
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Pipe Wrench	4 - 25	Spatula	4 - 17
Plasterboard Lifter	4 - 9	Spatula Japanese Style	4 - 17
Plasterboard Lifter	4 - 9	Spatula with Bit	4 - 9
Plasterer Trowel	4 - 16	Sponge	4 - 18
Pliers	4 - 25	Steel Measuring Tape	4 - 41
Polystyrene Cutter	4 - 7	Stick	4 - 15
Polystyrene Grinding Board	4 - 8	Stick holder	4 - 4
Polystyrene Plates Grinding Tool	4 - 8	Stirrer	4 - 44
Polystyrene Saw	4 - 7	Stretch foil	4 - 23
Rake	4 - 4	Stapling Gun	4 - 11
Rangefinder	4 - 42	Tape	4 - 19
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Ruler	4 - 41	Telescopic Bar	4 - 15
Rust Scraper	4 - 14	Telescopic extending workstand	4 - 24
Sanding Board	4 - 49	T-Handle Screw Driver	4 - 26
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Size Chart Brush

Radiator Brush	Size	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"
	Size mm	12,5	18	25	38	50	62	75	100
Varnish Brush Thickness Scale	Width	15 mm	25 mm	40 mm	50 mm	60 mm	75 mm	85 mm	100 mm
	1. Thickness / mm	4	4,5	4,5	5	5,5	6	6,5	6,5
	2. Thickness / mm	5,5	6	6,5	7	7,8	8	9	9
	3. Thickness / mm	6	7	7,5	8	9	9,5	10	10,5
	4. Thickness / mm	7	8	9	10	11	12	12,5	13
	5. Thickness / mm	8	9	10	11	12	13	14	15
	6. Thickness / mm	10	11	12	13	14	15	16	17
	7. Thickness / mm	11	12	13	14	15	16	17	18
	8. Thickness / mm	12	13	14	15	16	17	18	19
	9. Thickness / mm	13	14	15	16	17	18	19	20
	10. Thickness / mm	14	15	16	17	18	19	20	21
	12. Thickness / mm	-	17	18	19	21	22	23	23

Round Brush	Size	2	4	6	8	10	12	14	16	18
	Ø in mm	20	25	30	35	40	45	50	55	60

Use of Paint Roller

Paint Roller Cover		suitable for									
		Dispersion Paint	Facade Paint	Latex Paint	Impregnation	Epoxy resin	Polyurethan resin	Water emulgated resin	Bitumen	Glas fibre plastic	2-comp. Primer
Vestan	Polyester knitted								xxx	xxx	xxx
Acryl	Synthetic spinning fibre, cheap alternative to polyamid fibres	x	x	x					xx	xx	xx
Nylon	Polyamid yarn textured (curled) filament yarn					xxx	xxx	x		xx	xx
Gold Stripe	Polyamid yarn spinned	xxx	xxx	xxx				xxx			
Polyester	Polyester yarn woven	xx	xx	xx		x	x		xx	xx	xx
Mohair	Goat hair					xxx	xxx		xxx	xxx	xxx
Velour	Shorn lamb hair					xxx	xxx		xxx	xxx	xxx
Lamb Skin	Lamb Skin	xxx	xxx	xxx							
Micro Fibres	Polyester filament yarn			xxx	xxx	xx	xx	xxx			xx
Mcro Fibres Mix	Mix of various polyester ficro fibres				xxx	xxx	xxx	xxx			xx
	xxx = very suitable xx = well suited x = suitable										

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Ceiling Brush

special Silverpren filling, punched in bundles, plastic handle with thread and bucket hook, solvent resistant, vbl 70 mm

18x8 cm	014.020	6	12
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Ceiling Brush Economy

synthetic bristles, light coat, dark insertion, punched in bundles, plastic handle with thread and bucket hook, vbl 70 mm

17x7 cm	014.030	6	12
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Tar Brush

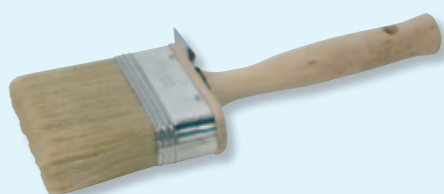
heat resistant Fibre bristles

17x7 cm vbl 65 mm	014.040	1	12
17,5x8 cm vbl 70 mm	014.041	1	12

Wall Brush Economy

light china bristles, plastic handle with thread and bucket hook, vbl 45 mm

3x7 cm	014.048	12	60
3x10 cm	014.049	6	60
3x12 cm	014.050	6	60
4x14 cm	014.051	6	60

Block Brush Professional

light PBT/Natural bristles mix, untreated wooden handle, vbl 60mm, approx. 90% tops

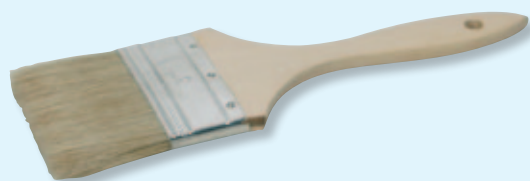
2,5x8 cm	014.080	6	
2,5x10 cm	014.100	6	
2,8x12 cm	014.120	6	
3x14 cm	014.140	6	

Enamel Brush

light natural bristle

size 1 Ø 12 mm, vbl 28 mm	017.101	12	120
size 2 Ø 14 mm, vbl 28 mm	017.102	12	120

Flat Brush Economy 1st grade



light PBT/natural bristle mix, untreated wooden handle, approx. 70% tops

25 mm	015.210	12	120
vbl 38 mm			
35 mm	015.215	12	120
vbl 41 mm			
50 mm	015.220	12	120
vbl 43 mm			
60 mm	015.225	12	120
vbl 47 mm			
70 mm	015.230	12	120
vbl 48 mm			
80 mm	015.240	12	120
vbl 55 mm			

Flat Brush Economy 6th grade



light PBT/natural bristle mix, blue plastic handle, approx. 70% tops

25 mm	015.510	12	120
vbl 45 mm			
35 mm	015.515	12	120
vbl 45 mm			
50 mm	015.520	12	120
vbl 45 mm			
60 mm	015.525	12	120
vbl 45 mm			
70mm	015.530	12	120
vbl 45 mm			

Round Brush Economy



light chinese bristles,short, white rope, 60% tops

size 2	017.002	12	120
Ø 20 mm, vbl 35 mm			
size 4	017.004	12	120
Ø 25 mm, vbl 35 mm			
size 6	017.006	12	120
Ø 30 mm, vbl 35 mm			
size 8	017.008	12	120
Ø 35 mm, vbl 35 mm			
size 10	017.010	12	120
Ø 40 mm, vbl 40 mm			
size 12	017.012	12	120
Ø 45 mm, vbl 40 mm			

Round Brush Master Quality



light PBT/natural bristle mix, approx. 90% tops

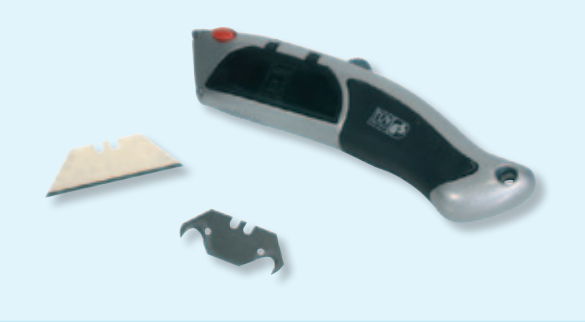
size 2	017.202	12	120
Ø 20 mm, vbl 65 mm			
size 4	017.204	12	120
Ø 25 mm, vbl 65 mm			
size 6	017.206	12	120
Ø 30 mm, vbl 75 mm			
size 8	017.208	12	120
Ø 35 mm, vbl 80 mm			
size 10	017.210	12	120
Ø 40 mm, vbl 85 mm			
size12	017.212	12	60
Ø 45 mm, vbl 85 mm			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Scraper 	blade thickness 0,5 mm, with wooden handle for stick holder (ref. 30.300.028)					
	carbon steel					
	40 cm	20.000.040	1		10	
	50 cm	20.000.050	1		10	
	60 cm	20.000.060	1		10	
	stainless					
	40 cm	20.000.041	1		10	
50 cm	20.000.051	1		10		
60 cm	20.000.061	1		10		
Scraper rounded edges 	stainless, blade thickness 0,4 mm					
	40 cm	20.005.041	1			
	50 cm	20.005.051	1			
60 cm	20.000.061	1				
Facade Scraper 	stainless, blade thickness 0,4 mm, flexible steel blade and 2K ergo-grip					
	flexible					
	40 cm	29.114.400	1			
	50 cm	29.114.500	1			
	60 cm	29.114.600	1			
	non flexible					
40 cm	29.116.400	1				
50 cm	29.116.500	1				
60 cm	29.116.600	1				
Stick Holder toothed rim 	adjustable slope					
		29.115.000	1			
Adjustable Stick with female screw 	for ref. 29.115.000					
	adjustable from-to 1,10-2,00 m	29.115.210	1			
Stick Holder 	with wing screws					
	for sticks Ø28 mm	30.300.028	5		10	
	with link	30.300.027	1		5	
Knee Adapter 	with American thread, fits only ref. 30.310.310					
		30.300.026	3			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Scissor 	Economy (Import) stainless 11"	30.206.011	1			
Scissor 	Professional (Made in Solingen-Germany) stainless 11"	30.205.011	1			
Scissor with micro teeth 	particularly suitable for fiberglass, total length 10" / 260mm, weight 330 gr 10"	30.207.011	1			
Cutter Knife 	pistol handle, with snap-off blade blade width 18 mm	40.000.000	12	48		
Cutter Knife with metal guideline 	with snap-off blade blade width 18 mm	40.000.400	12			
Cutter Knife with metal guideline and lock wheel 	with snap-off blade blade width 18 mm	40.000.200	24			
Replacement Blade 	blade width 18 mm 10 blades per box price per box	40.000.001	1			

Drywall Builder

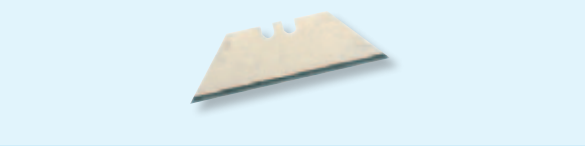
Automatic Knife



incl. 10 trapezoidal knives, blade change trough button, automatically blade transport, suitably also for hook blades

40.000.010	1		
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Replacement Blade



Trapezoidal blades for automatic knife

10 blades per box price per box

40.000.011	1		
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Replacement Blade



Hook blades for automatic knife

10 blades per box price per box

40.000.012	1		
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

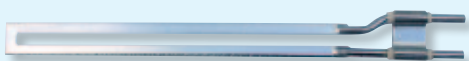
Polystyrene Cutter



up to 160mm plate thickness and profile cuttings, with plastic case
Delivery with 140mm blade , after 10 sec. ready to cut, power cable 3 m,
with hanger

29.200.140	1		
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Replacement Blade



for polystyrene cutter ref. 29.200.140

blade straight for plates
up to 140 mm
up to 160 mm

29.200.141	1		
29.200.161	1		



half-round blade for grooves
14 mm
20 mm
26 mm

29.200.214	1		
29.200.220	1		
29.200.226	1		



20 mm adjustable depth

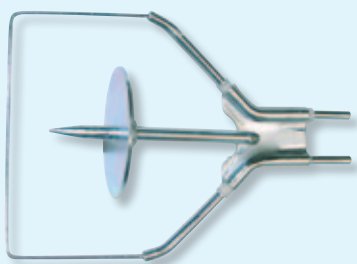
29.200.222	1		
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Blade for 20 mm grooves, rectangular,
adjustable depth

29.200.228	1		
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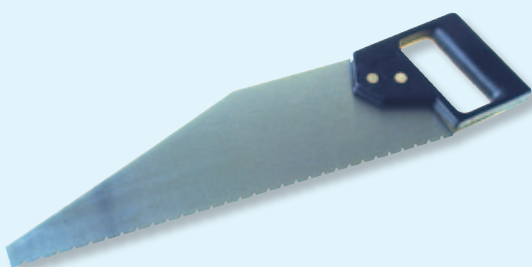
Hole Cutter



for ref 29.200.140
cutting holes Ø68 mm,
max. depth 61 mm

29.200.268	1		
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Polystyrene Saw



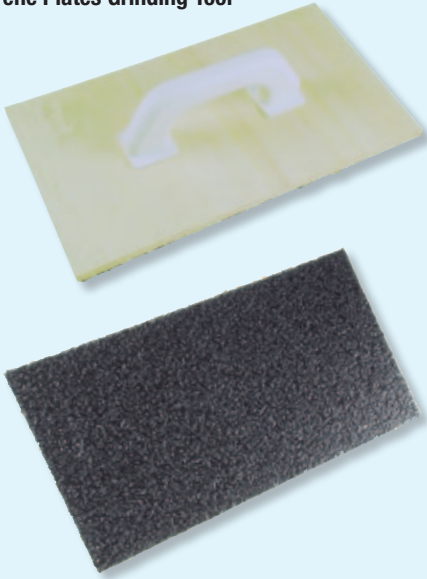
with plastic handle; for self adhesive grinding blades. Especially suitable for
grinding of polystyrene plates

380 mm	29.250.310	1		
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Drywall Builder

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

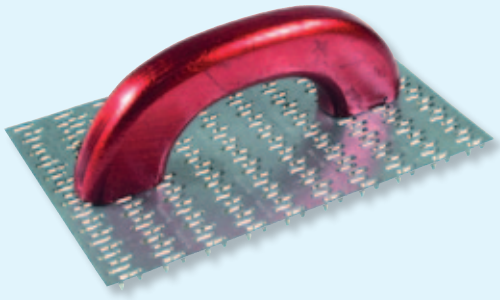
Polystyrene Plates Grinding Tool



with plastic handle; for self adhesive grinding blades. especially suitable for grinding of polystyrene plates

480x240 mm	29.250.480	1		
replacement blade	29.251.480	1		

Scratch Board



255x155mm nail length 8,5 mm

29.260.255	1		
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Tin Snips



right

29.740.410	1		
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Bolt Cutter



450 mm

29.744.450	1		
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Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Plasterboard Lifter 	contact surface: 140x55 mm					
	height 565 mm	29.305.565	1			
Plasterboard Lifter 	contact surface: 140x55 mm					
	length 305 mm	29.300.030	1			
Plaster Plane 	made of metal					
	250 mm	29.265.250	1			
	replacement blade	29.265.251	1			
Plaster Plane edge cutter 	made of metal, with exchangeable trapezoidal blade					
	335 mm	29.269.240	1			
	replacement blade	29.269.245	1			
Spatula with screw driver 	with bit and 2-K grip					
	40x150 mm	29.550.240	1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Drywall Saw 	2-K grip 15 cm	29.610.150	1			
	Mineral Rock Wool Knife 	double edged with saw (for hard, thick material) – and serrated blade (for soft material), stainless 28 cm	29.250.028	1		
Aerated Concrete Saw Economy 	with inductively hardened teeth 70 cm	29.615.700	1			
	Aerated Concrete Saw Professional 	with 17 carbide teeth 75 cm	29.615.750	1		
Connecting Pliers 		for quick and easy connecting C- and U-profiles for building dry walls, without drilling and rivets, max capacity: 1+1mm	29.750.340	1		
	0,8+0,8mm	29.750.260	1			
Key Hole Saw 	saw for metal, plastic, wood, leather etc. 270 x 5,0mm	29.760.270	1			
	360 x 6,5mm	29.760.360	1			

Drywall Builder

Arenga/Elaston Broom



Broom with Arenga/Elaston mix, especially suitable for removing sand, bristle length 75 mm

completely equipped				
50 cm	30.000.050	3	10	
60 cm	30.000.060	3	10	
compl. equipped prepared to adjust a metal stick holder (wing screws)				
50 cm	30.001.050	3	10	
60 cm	30.001.060	3	10	
extra completely equipped, with metal stick holder				
50 cm	30.002.050	3	10	
60 cm	30.002.060	3	10	

Hand Brush Arenga



bristle length 75mm

28 cm	30.001.028	3	10	
43 cm	30.045.028	3	10	

Elaston Broom



Broom with Elaston bristle (1,6 mm) bristle length 100 mm

40 cm	30.020.040	3	10	
50 cm	30.020.050	3	10	
60 cm	30.020.060	3	10	

Bahia - Elaston Broom



fully equipped bristle length 110 mm

40 cm	30.040.040	3	10	
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Elaston Broom



with stick holder and scratch sheet bristle length 75 mm

40 cm	30.050.040	3	10	
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Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Hall Broom 	fine, soft bristles, with metal stick holder, bristle length 68 mm 50 cm	30.000.051	3		10	
	Fine Hair Hand Brush 	bristle length 55mm 30 cm	30.001.030	3		10
Cocos Broom 	bristle length 75 mm 30 cm	30.010.030	3		10	
	40 cm	30.010.040	3		10	
	50 cm	30.010.050	3		10	
	60 cm	30.010.060	3		10	
	Cocos Hand Brush 	bristle length 75mm 28 cm	30.001.029	3		10
Arenga Broom 	bristle length 75 mm 30 cm	30.030.030	3		10	
	50 cm	30.030.050	3		10	
	60 cm	30.030.060	3		10	
	Dust Pan 	black varnished, wooden handle 22 cm	30.002.022	1		10
Dust Pan Metal 	handle and pan made of one piece of metal, galvanised 22 cm	30.002.122	1		10	

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Wire Brush 	Ø0,31 mm, straight					
	2-row	30.102.002	1			
	4-row	30.102.004	1			
Wire Brush stainless 	Ø0,31 mm, straight					
	2-row	30.102.012	1			
	3-row	30.102.013	1			
	4-row	30.102.014	1			
Wire Brush stainless 	Ø0,31 mm, corrugated					
	2-row	30.112.012	1			
	4-row	30.112.014	1			
Floor Scraper 	with struts					
	width					
	30 cm	30.200.030	1			
	replacement blade	30.201.030	1			
	replacement stick	30.201.000	1			
Scraper 	blade thickness 1,75 mm, with chamfer, stick and D-handle					
	8 cm	30.200.008	1			
Scaling Spatula 	blade thickness 1,15 mm, stabile, chamfered blade					
	5 cm	20.410.005	1			
	7 cm	20.410.007	1			
Spatula 	blade thickness 1,5 mm, blue blade with chamfer, total length approx. 40 cm					
	7 cm	30.203.007	1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Paint Scraper 	blade made of carbide, 2-K grip					
	50 mm	30.213.050	1			
	replacement blade import 50 mm	30.213.051	10			
	top replacement blade Made in Germany 50 mm	30.213.052	3			
Paint Scraper 	with knop to increase pressure, 2-K grip					
	64 mm	30.213.064	1			
	replacement blade 64 mm	30.213.065	3			
Shovel round 	Frankfurt type					
	oil hardened	30.300.030	3		10	
Shovel flat 	Holstein type					
	oil hardened	30.300.031	3		10	
Shovel Handle 	ash tree shovel handle, acc. DIN 20151					
	1,30 m	30.300.038	3		10	
Sticks 	wood					
	Ø 24 mm					
	1,40 m	30.324.140	5			
	1,40 m with metal thread	30.324.141	5			
	1,50 m	30.324.150	5			
	Ø 28 mm					
1,50 m	30.300.150	5				
2,00 m	30.300.228	5				
Extending/Telescopic Bar – aluminium 	1x60 cm	30.300.060	3			
	2x1,00 m with Clip	30.300.200	3			
	2x1,50 m with Clip	30.300.300	3			
	3x1,00 m with thread	30.310.310	3			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Trowel 	blade thickness 0,75mm, untreated wooden handle, 13x28 cm					
	carbon steel	20.100.001	3		30	
	stainless steel	20.101.001	3		30	
	stainless steel, chamfered edges	20.101.128	3		10	
Brick Trowel 	stainless, untreated wooden handle, blade thickness 1,1 mm					
	16 cm	20.751.016	3			
	18 cm	20.751.018	3			
Plasterer Trowel 	stainless, blade thickness 0,75 mm, untreated wooden handle					
	12 cm	20.600.120	3			
	14 cm	20.600.140	3			
	carbon steel 14 cm	20.610.140	3			
Stuccoists Spatula 	stainless, blade thickness 0,75 mm, untreated wooden handle					
	4 cm	20.800.004	3		20	
	6 cm	20.800.006	3		20	
	8 cm	20.800.008	3		20	
	10 cm	20.800.010	3		20	
Flex Duo Spatula 	stainless, blade thickness 0,3 mm, screwed and untreated wooden handle					
	15,5 cm	20.129.155	1			
	20 cm	20.129.200	1			
	27 cm	20.129.270	1			
	30 cm	20.129.300	1			
	35 cm	20.129.350	1			
Single Blade Spatula 	Height 15 cm, waxed wooden handle					
	20 cm	20.130.020	1			
	30 cm	20.130.030	1			
	40 cm	20.130.040	1			
	50 cm	20.130.050	1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Spatula Japanese Style 	11 cm high, Set with 5,8,10,12cm beam	stainless	20.131.512	3	10	
		plastic	20.131.614	3	10	
Painters Spatula Economy 	blade thickness 0,4 mm, varnished handle, flexible sheet	4 cm	20.404.004	3	12	
		6 cm	20.404.006	3	12	
		8 cm	20.404.008	3	12	
		10 cm	20.404.010	3	12	
Painters Spatula Professional 	blade thickness 0,75 mm, made from hardened steel, stronghold sheet, conical abraded, with wooden handle	4 cm	20.402.114	3	12	
		6 cm	20.402.116	3	12	
		7 cm	20.402.117	3	12	
		8 cm	20.402.118	3	12	
Latex Float 	Dimension 280x140 mm	thickness 20 mm	20.150.090	1		
		replacement plate	20.150.091	3		
Cellular Caoutchouc Float 	Dimension 280x140 mm	thickness 10 mm	20.150.050	1		
		replacement plate	20.150.051	3		
Hydro Sponge Float 	Dimension 280x140 mm	smoothed surface				
		thickness 30 mm	20.150.060	1		
		replacement hydrosponge	20.150.061	3		
		screened surface				
„Hydro“ Sponge Float Velcro 	Dimension 280x140 mm	thickness 30 mm	20.151.050	1		
		replacement hydrosponge screened	20.151.051	3		
„Hydro“ Sponge Float Velcro 	Dimension 280x140 mm	screened surface				
		thickness 30 mm	20.151.060	1		
	replacement plate	20.151.061	3			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Sponge Rubber Float 	Dimension 280x140 mm					
	structure: coarse	20.150.071	1			
	thickness 10 mm					
	10 mm replacement coarse	20.150.072	3			
	20 mm replacement fine	20.150.082F	3			
	20 mm replacement coarse	20.150.082G	3			
PU Float 	particularly light, does not absorb water					
	24x12 cm	20.151.012	1			
	28x14 cm	20.151.014	1			
	32x18 cm	20.151.018	1			
	36x20 cm	20.151.020	1			
	42x22 cm	20.151.022	1			
	48x24 cm	20.151.024	1			
Wooden Float 	multi-layered wood					
	24x12 cm	20.161.012	1			
	28x14 cm	20.161.014	1			
	32x18 cm	20.161.018	1			
	36x20 cm	20.161.020	1			
	42x22 cm	20.161.022	1			
Floating Tool Rabot 	Dimension 285x140 mm, grid size 30x30 mm					
	smooth	40.285.140	1			
	toothed	40.289.140	1			
Viscose Sponge 	highly hygroscopic and high fluid absorption, chemical and acid resistant					
	150x110x35mm	21.150.035	3			
Hygroscopic Sponge 	for cleaning tiles after grouting, extreme hygroscopic foam					
	165x110x65 mm	21.160.070	3			

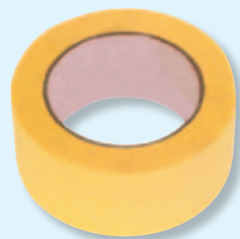
Drywall Builder

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Masking Tape Indoor

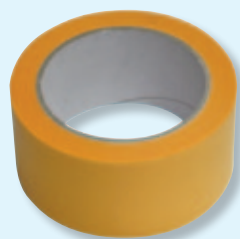

impregnated, tear proof and tough crepe paper, coated with a soft modified natural rubber glue of good adhesive strength (solvent resistant) and ageing resistance, temperature resistant up to 80°

38 mm x 50 m	70.100.038	6	24
50 mm x 50 m	70.100.050	6	24

Masking Tape Indoor


low budget smooth tape with good adhesive performance, impregnated, tear proof crepe paper, coated with a soft synthetic rubber glue (solvent free) use only for short time, temperature resistant up to 60°

19 mm x 50 m	70.110.019	8	48
25 mm x 50 m	70.110.025	6	36
30 mm x 50 m	70.110.030	5	30
38 mm x 50 m	70.110.038	4	24
50 mm x 50 m	70.110.050	4	24

Japanese Masking Tape


gold-yellow/orange, coated with especially suitable acrylic glue heat resistant, UV-resistant up to 4 weeks, extremely thin for sharp edges during varnishing and painting

19 mm x 50 m	70.130.019	2	48
25 mm x 50 m	70.130.025	2	36
38 mm x 50 m	70.130.038	2	24
50 mm x 50 m	70.130.050	2	24

Masking Tape Outdoor


a high-quality crepe tape, coated with a special acrylic glue (solvent resistant). The tape is moisture and heat resistant and persistent to ultraviolet light. Up to 14 days outdoor use and can be removed without leaving any residue

19 mm x 50 m	70.120.019	12	48
25 mm x 50 m	70.120.025	6	36
38 mm x 50 m	70.120.038	4	24
50 mm x 50 m	70.120.050	4	24

PVC Masking Tape


smooth, high stretchable plastic tape, highly UV-resistant, can be used outdoor up to 6 weeks

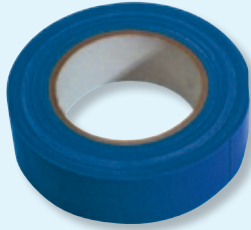
yellow			
30 mm x 33 m	70.200.030	4	60
50 mm x 33 m	70.200.050	4	36
white			
30 mm x 33 m	70.210.030	4	60
38 mm x 33 m	70.210.038	4	48
50 mm x 33 m	70.210.050	4	36

PE Masking Tape Outdoor


high UV-resistance, no residue on glass or window frames, max temp. 60°C

UV-resistance 14 days			
48 mm x 50 m	70.314.048	2	36
UV-resistance 30 days			
38 mm x 50 m	70.330.038	2	24
48 mm x 50 m	70.330.048	2	24

Universal Cloth Tape Standard



heavy duty, oil resistant, tear- and water proofed cloth tape, PE-coated cloth, coated with a special natural rubber glue, for smooth surfaces, UV-resistant up to 14 days, even at low temperatures

38 mm x 25 m	70.700.338	4	32
50 mm x 25 m	70.700.050	4	24

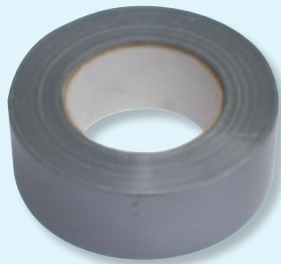
Universal Cloth Tape Premium



heavy duty, tear- and waterproof, PE-coated cloth (high mash), coated with a special natural rubber glue of high UV stability and tackiness, even at low temperatures

38 mm x 50 m	70.703.038	4	36
50 mm x 50 m	70.703.050	4	24

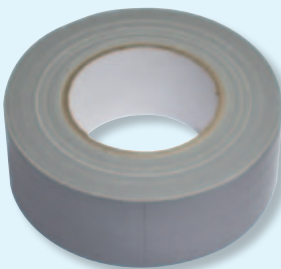
Duct Tape Standard



PE-coated, very adhesive, for rough surfaces, medium cloth texture, synthetic rubber, do not apply an aluminium and plastic, 200 µm

38 mm x 50 m	70.701.138	4	32
48 mm x 50 m	70.701.150	4	24

Duct Tape Premium



PE-coated, very adhesive, for rough surfaces, high cloth texture, natural rubber adhesive, do not apply on aluminium and plastic, 2 weeks UV-protection 300 µm

38 mm x 50 m	70.702.038	4	30
50 mm x 50 m	70.702.050	4	24

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Covering Sheet (thin)		thickness 0,01mm, rolls are folded to 1 m	2 m x 100 m	40.807.200	1	3
Covering Sheet (thick)		thickness 0,1mm specially for protecting mixing area	2 m x 50 m	40.800.150	1	3
Dust Door		universal door for separating rooms during construction works, 3 sides zip, for door opening, multiple usable, Incl. 1 role masking tape		40.888.100	1	
Cover Felt		one side covered with anti slip, 1x50 m	180 g/m ²	40.810.180	1	2
			250 g/m ²	40.810.150	1	2
Cover Felt diffusion-open		one side covered with anti slip film, thickness approx. 3 mm	1 m x 30 m	40.810.350	1	2
Multilayer Paper Role		weight 250g/m² both sides coated with 10 g/m² LDPE, role 50m²	1,27 m x 40 m	40.820.130	1	2

Drywall Builder

Fabric Covering



edge reinforced, approx. every 1m eyeleted, water proofed, UV-resistant, 90g/m² polyethylene

2 m x 3 m	40.840.006	1		
3 m x 5 m	40.840.015	1		
4 m x 6 m	40.840.024	1		

Deep Hole Marker



Marking and writing tool with perm. ink, can be washed off of smooth surfaces with alcohol stainless steel telescopic tip, for hard to reach areas, thickness Ø1,4 mm

black	30.995.003	1		
blue	30.995.005	1		
red	30.995.004	1		

Deep Hole Marker



Marking and writing tool with permanent ink, can be washed off of smooth surfaces with alcohol stainless steel telescopic tip (self retracting), for hard to reach areas and all surfaces, with 3 standard colours with Ø2,8 m

30.995.010	1		
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Deep Hole Replacement Marker



Pica Dry Replacement

2 Stck. – RED	30.995.110	1		
2 Stck. – YELLOW				
4 Stck. – GRAPHITE				

Wax Mark-Chalks



Pack with 12 pcs

yellow	40.250.001	1		
blue	40.250.002	1		
red	40.250.003	1		
crayon holder	40.251.025	1		

Aerosol marking paint



on acryl resin base for professional workers suitable also for over head use

orange	45.060.006	1	12	
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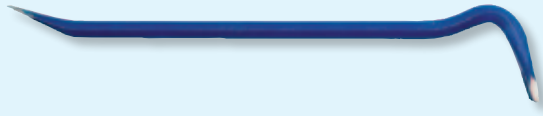
Telescopic extending workstand



Strong, stable square-profile steel tubing. Impact and scratch-resistant plastic coating. Folds up to save space. Vertically adjustable - stability assured by user friendly looking pins. Extending locking hooks prevent the worktop from sliding off sideways (max 64cm wide). Easy to install. Loading capacity 160kg, height-adjustable from 82-130cm

86.068.130	1		
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Wrecking bar hexagonal 18mm



50 cm

30.800.051	1		
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Wrecking Bar flat



450x6x35 mm

30.800.045	1		
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Carpenter's Hammer



with steel tube handle, plastic grip and secured head, construction quality, approx. 840 g, length 30 cm

700g

28.750.600	1		
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with magnet 700g

28.751.600	1		
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Cross Peen Hammer



with ash handle and impact protection, acc. DIN 1041

300 g

30.800.003	1		
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500 g

30.800.005	1		
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Club Hammer



with ash handle

1000 g

30.800.001	1		
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Pointed Chisel



made of chrome-vanadium steel , hardened and annealed acc. DIN 7256

Ø 14 mm, 20 cm

30.820.014	1		
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Ø 16 mm, 20 cm

30.820.016	1		
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Ø 16 mm, 25 cm

30.825.016	1		
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Mason's Chisel



made of chrome-vanadium steel , hardened and annealed acc. DIN 7256

Ø 14 mm, 20 cm

30.920.014	1		
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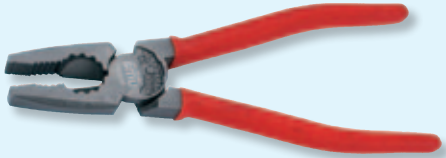

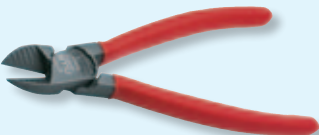

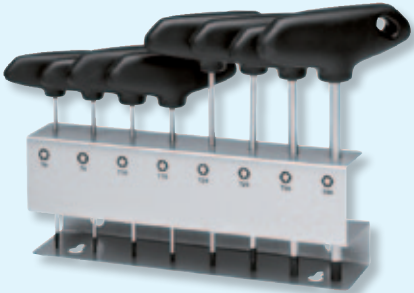

Ø 16 mm, 20 cm

30.920.016	1		
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Ø 16 mm, 25 cm

30.925.016	1		
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Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
F-Clamp 	malleable iron, span 30 cm, throat depth 12 cm, heavy stabile arms, wooden handle, bar thickness 30x8 mm Made in Germany Import	30.881.030 30.881.130	1 1			
Waterpump Pliers 	chrome-vanadium steel, forged, with trapping protection, with dip-paint isolated grip, effortless Made in Germany length: 240 mm	30.890.240	1			
Pipe Wrench 	with nut protection, S-Mouth, 45° angled 1" 1,5" 2"	30.890.010 30.890.015 30.890.020	1 1 1			
Pincer Professional 	Made in Germany 200 mm	30.896.200	1			
Pincer Economy 	Import 200 mm	30.896.210	1			
Tower Pincer Professional 	Knipex, with dip-paint isolated grip, mouth 20 mm, Made in Germany 250 mm	30.895.250	1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Tower Pincer Economy 	Import 220 mm	30.895.220	1			
Comb Pliers Professional 	chrome-vanadium steel, HRC 58-62 acc. DIN 5746 180 mm	30.850.018	1			
Comb Pliers Economy 	Import, chromed matt 180 mm	30.855.018	1			
Side Cutting Nipper Professional 	Inductive hardened precision cutting edges, for hard and soft wire, special tool steel forged and oil hardened acc. DIN5749, Made in Germany 160 mm chrome-vanadium steel, HRC 58-62, acc. DIN 5749 180 mm 180 mm	30.860.160 30.860.180	1 1			
Side Cutting Nipper Economy 	chromed matt 160 mm	30.861.160	1			
TX-Key Set 	for TORX-screws, 8pcs T8, T9, T10, T15, T20, T25, T30, T40 with T-handle	30.878.071	1			
TX-Key Set 	for TORX-screws, 8pcs T9, T10, T15, T20, T25, T27, T30, T50	30.878.074	1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Isolating Tape 	10 roles, 3x black, 2x blue 1x yellow with green stripes, 1x yellow, 1x red, 1x white, 1x brown, 10m length	70.220.015	1			
	15x0,13 mm 19x0,13 mm	70.220.030	1			
VDE Enzo-Tester 	testing 220-250 Volt	30.930.190	1			
	190 mm					
VDE Voltage Tester 	100 mm	30.935.100	1			
Self vulcanizing tape 	Track-resistant insulating tape. Provides tight, void-free, moisture-resistant electrical insulation. For splicing cables and building stress cones. Length: 10 m	70.460.019	1			
	19x0,8mm					
Cables Ties 	transparent					
	price per pack (100 pcs)					
	75 x 2,4 mm	30.925.080	1			
	100 x 2,5 mm	30.925.100	1			
	150 x 2,5 mm	30.925.150	1			
	200 x 2,5 mm	30.925.200	1			
	300 x 3,6 mm	30.925.300	1			
	370 x 4,8 mm	30.925.370	1			
430 x 4,8 mm	30.925.430	1				
price per pack (50 pcs)						
500 x 8,0 mm	30.925.500	1				

Screwdriver Set 5pcs



steel S2, HRC 56-60, 1000 Volt, red PPN-grip

slot: blade length:

75 mm blade: 3,0 / 100 mm blade: 4,0 / 125 mm blade: 5,5

cross: blade length:

80 mm blade PH1 / 100 mm blade PH2

30.880.115

1

Screwdriver Set 7pcs



CV-blade, 1000 Volt, red PPN-grip

slot: blade length:

75 mm blade: 2,5 / 100 mm blade: 4,0 / 125 mm blade: 5,5 / 150 mm blade: 6,5

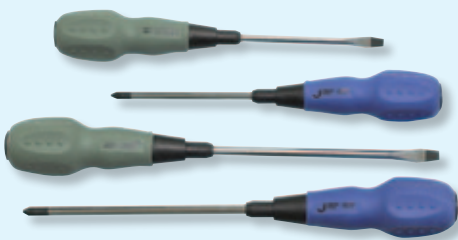
cross: blade length:

80 mm blade PH1 / 100 mm blade PH2 VDE Voltage Tester

30.880.007

1

Screwdriver Set 4pcs



CV-Blade, Softgrip

Slot: blade length:

100 mm blade: 5,0 / 150 mm blade: 6,0

cross: blade length:

100 mm blade PH1 / 150 mm blade PH2

30.878.004

1

Screwdriver Set 6pcs (Wiha)



CV-Blade, black colour blade, 3 component handle, Made in Germany

Slot: blade length:

100 mm blade: 5,0 / 150 mm blade: 6,0

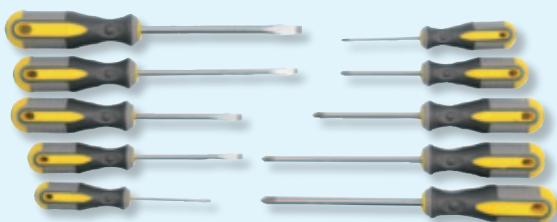
cross: blade length:

100 mm blade PH1 / 150 mm blade PH2

30.878.006

1

Screwdriver Set 10pcs



CrV-Blade, Softgrip

Slot: blade length:

75 mm blade: 3,0 / 100 mm blade: 5,0 / 100 mm blade: 6,0 / 150 mm blade: 6,0

150 mm blade: 8,0

cross: blade length:

75 mm blade PH0 / 75 mm blade PH1 / 100 mm blade PH2 / 150 mm blade PH2

150 mm blade PH3

30.878.010

1

HSS Steel Drill Set Ø1,0-13 mm



25pcs in steelcase

profile ground
rolled

30.878.013

1

30.879.013

1

HM Concrete Drill Set Ø3,0-10,0 mm

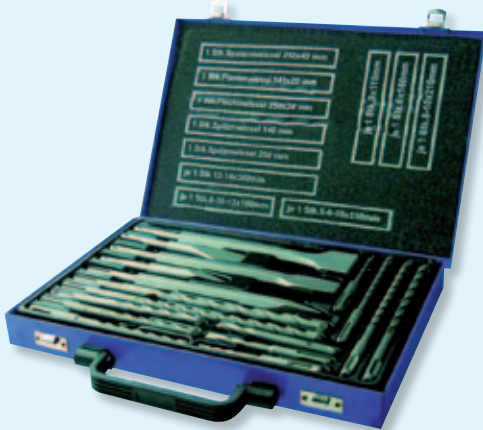


8pcs in plastic case, for concrete and stone

30.880.010

1

Hammer Drill & Chisel Set SDS-Plus



17 pcs in case

- 1x pointed chisel 140 mm
- 1x pointed chisel 250 mm
- 1x mason's chisel 140 mm
- 1x mason's chisel 250 mm
- 1x spade chisel 250x40 mm each
- 1x SDS drill 5-6-8-10x160 mm each
- 1x SDS drill 6-8-10-12x160 mm each
- 1x SDS drill 8-10x210 mm each
- 1x SDS drill 12-14x260 mm

30.889.017

1

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair		
Hammer Drill SDS-Plus		for concrete, stone, granite, reinforcement, walled direction: right						
		Ø 6,0 mm length 160 mm	34.772.060	1				
		Ø 8,0 mm length 160 mm	34.772.080	1				
		Ø 10,0 mm length 160 mm	34.772.100	1				
		Ø 12,0 mm length 160 mm	34.772.120	1				
		Ø 14,0 mm length 160 mm	34.772.140	1				
		Ø 16,0 mm length 160 mm	34.772.160	1				
		Ø 10,0 mm length 450 mm	34.772.410	1				
		Ø 12,0 mm length 450 mm	34.772.412	1				
		Ø 14,0 mm length 450 mm	34.772.414	1				
		Ø 16,0 mm length 450 mm	34.772.416	1				
		Ø 18,0 mm length 450 mm	34.772.418	1				
		Ø 20,0 mm length 450 mm	34.772.420	1				
		Hammer Drill-Set SDS-Plus		for concrete, stone, granite, reinforcement, walled drill: S4, direction: right				
				Ø 5/6/8/10 mm length 110 mm	34.775.604	1		
Pointed Chisel SDS-Plus		250 mm	34.777.125	1				
		400 mm	34.777.140	1				
Flat Chisel SDS-Plus		250 mm	34.777.225	1				
		400 mm	34.777.240	1				
Spade Chisel SDS-Plus		250x40 mm	34.777.325	1				
Level Chisel SDS-Plus		250 mm	34.777.425	1				

BIT Set



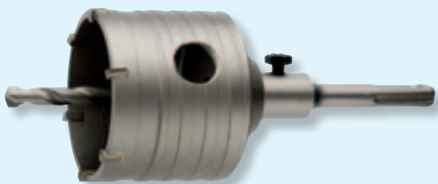
**7pcs, Top quality, Made in Germany,
1x magnetic holder, 1x PZ1, 1x PZ2, 1x PH1, 1x PH2, 1x 0,8x5,5, 1x 1,2x6,5**

30.880.017	1		
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**31 pcs, Top quality, Made in Germany
1x magnetic holder; slot: 4,5, 5,5 and 6,5 mm, TX: 10, 15, 20, 25, 30 und 40
Hexagonal: 3, 4 and 5 mm, 3x PZ: 1, 2 and 3, 3x PH: 1, 2 and 3**

30.880.031	1		
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Carbide Tipped Core Bit



suitable for sockets/junction box,
SDS-Plus connection
Ø 66 mm

30.875.060	1		
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suitable for sockets/junction box,
SDS-Plus connection
Ø 80 mm

30.875.080	1		
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

LED Head Light



17 LED, adjustable, angle of inclination, dust and splashing water protected, battery: 3x1,5V AAA without battery

99.490.017	1		
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LED Flashlight



21 LED, super bright, aluminium case, dust and splashing water protected, incl. battery and bag

99.497.021	1		
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Construction Light (~700Watt)



Extremely stable, surface-coated frame. Lights swivel and can be fixed. Comp. to halogen lights: appr. 4x brighter light, appr. 10x longer life span, appr. 10x lower temperature, appr. 4x lower electricity consumption. Break and impact resistant plastic housing. With 2 water-jet protected earthed sockets outlets 230V/16A with self-closing protective caps on the back. ON/OFF switch. Inclusive 4x55 Watt „low energy“ compact lamps. Fitting 2 G 11 Dimensions: WxHxD 490x690x240 mm

99.454.105	1		
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Construction Light (~700Watt)



„Cold light“-work lamp., Advantage compared to Halogen Lights: approx. 4xbrighter light, approx. 10xlonger life span than usual bulb, approx. 10xlower temp., approx. 4xlower electricity consumption, possibility of high energy savings! Break and impact resistant plastic housing. With 2 sockets on the back. ON/OFF switch.Electronic ballast. With special rubber cable and water-jet protected earthed plug. Inclusive 3x36 Watt „low energy“ compact lamps. Dimensions: WxHxD 500x270x100 mm

99.454.108	1		
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Construction Light (~300Watt)

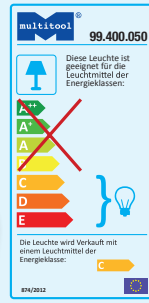
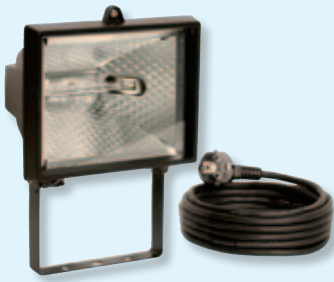


Extremely stable, surface-coated frame. Lights swivel and can be fixed. Comp. to halogen lights: appr. 4x brighter light, appr. 10x longer life span, appr. 10x lower temperature, appr. 4x lower electricity consumption. Break and impact resistant plastic housing. With 2 water-jet protected earthed sockets outlets 230V/16A with self-closing protective caps on the back.

ON/OFF switch. Inclusive 1x55 Watt „low energy“ compact lamps. Fitting GR10q Dimensions: WxHxD 290x290x80 mm

99.454.110	1		
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Halogen Floodlight



(IP44) incl. 5m rubber-sheathed cable H07 RN-F, 3G 1,0mm², suitable for outdoor use, Dimension WxHxD

350x280x170 mm
500 Watt (11.000 Lumen)

99.400.050	1		
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343x250x242 mm
1500 Watt (33.000 Lumen)

99.400.150	1		
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Telescopic tripod

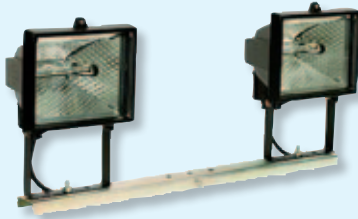


for construction lamps and halogen floodlights continuously adjustable

1,0-2,5 m

99.444.250	1		
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Crossbar

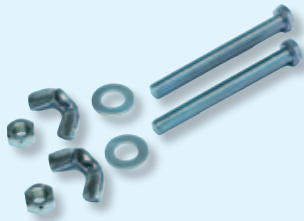


for installation of 2 halogen floodlights or construction lamps on the tripods

60 cm

99.444.002	1		
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Screw Set



10 pcs. screw-set for the installation of 1 construction lamp on the suitable crossbar

99.444.010	1		
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Halogen Floodlight 1000 Watt



incl. 5m rubber-sheathed cable H07 RN-F, 3G1,0. The floodlights are made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S and a junction box with grounding terminal. All models are suitable for outdoor areas. Dimension: WxHxD 405x400x340 mm, H07RN-F 3G 1,0mm² Cable

1000 Watt

99.410.150	1		
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Halogen Floodlight Economy



multitool® 99.420.500

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: D

#74/2012

(IP44) incl. 1,5m rubber-sheathed cable H05 W-F, 3G 0,75mm². The floodlights are made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S and a junction box with grounding terminal. All models are suitable for outdoor areas. Dimension HxLxD 195x320x155 mm H05W-F 3G 0,75mm² cable

500 Watt	99.420.500	1		
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Halogen Floodlight Professional



multitool® 99.420.502

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: C

#74/2012

with 400 Watt bulb (=500W standard bulb) for permanent outside use, 5m cable H07RN-F, 3G1,0mm², stable protective lattice and a heat-resistant safety glass, large housing for better heat dissipation, leading to an increase in the life of the bulb, bulbs can be changed without using tools, Fitting R7s, Dimension HxLxD 260x360x230 mm H07RN-F 3G 1,0mm² cable

500 Watt	99.420.502	1		
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Halogen Floodlight 500Watt with mobile tripod



multitool® 99.430.500

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: C

#74/2012

tripod 0,8-1,8m 500 Watt, incl. 5m rubber cable H05 W-F, 3G 0,75mm². made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S and a junction box with grounding terminal. All models are suitable for outdoor areas. Dimension LxHxD 185x180x155mm

500 Watt	99.430.500	1		
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2 Halogen Floodlight with mobile tripod



multitool® 99.430.520

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: D

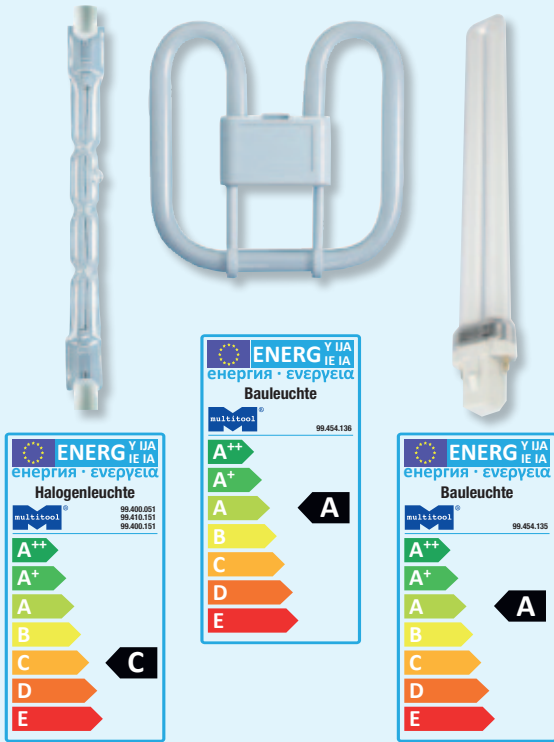
#74/2012

500 Watt, incl. 3m rubber cable, made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S. Suitable for outdoor areas (IP 44). Tripod from 0,8 to 2,0m, H05W-F 3G 0,75mm² cable

2 x 500 Watt	99.430.520	1		
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Drywall Builder

Replacement Lamp



Replacement Lamp 500 Watt
for ref. 99.400.050, 99.420.500,
99.430.500, 99.430.520

99.400.051 1 5

Replacement Lamp 1000 Watt
for Halogenstrahler Art. 99.410.150

99.410.151 1 5

Replacement Lamp 1500 Watt
for ref. Art. 99.400.150

99.400.151 1 5

Replacement Lamp
for ref. Art. 99.454.108

99.454.136 1

Replacement Lamp
for ref. Art. 99.454.110

99.454.135 1

LED Battery Work Lamp



With 28 extra-bright LDs with special optics.
Approx. 4-5 hours constant use when fully charged. Integrated NI MH Battery.
Inclusive 230V charger. Rubber-clad housing. 360° swivelled, retractable hanging
hook and magnetised base for optimal attachment.
ON/OFF switch

99.414.028 1

LED Battery Work Lamp



2 step operation: Large light emitting surface with 36 extra-bright LEDs and special
optics, additionally a single Power LED at lamps head for extra long operation.
Integrated rechargeable NI MH Battery. Inclusive 230V charger and 12V charger for
cars. With fully charged battery up to 4 hours operation with the large light, and up
to 12 Hours with the single light. Shockproof casing with rubberised surface.
360° swivelled, retractable hanging hook and magnetised base for optimal
attachment.
ON/OFF switch

99.414.036 1

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Cable Drum 40m


Splashwater protected, protection type IPX4 Plastic cable reels with H07RN F3G1,5 according to BGI 608 Design in plastic sheet, Ergonomic handle, Plug parking position, Rotation stop switch, Steel reel connected to earth, Can be used in standing or flat position, Extremely stable thanks to low centre of gravity

40 m	31.500.040	1		
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Cable Drum Ø1,5 16A 30m


According to BGI 608, VDE 0100 1CEE plug 400V/16A, 2 water-jet protected sockets 230V, 1 CEE socket 400V/16A. Reel body made from special Breflex plastic on a galvanised frame. Ergonomic handle and axle for precision cable-management when winding and rewinding. With 3-pin safety cut-out and thermal overload protection. Earthed sockets connected to separate phases. 3 year manufactures guarantee. 30m black cable H07RN-F 5G1,5

30 m	31.515.030	1		
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Cable Drum Ø2,5 16A 20m


According to EN61316, BGI 608, VDE 0100 1CEE plug 400V/16A, 2 water-jet protected sockets 230V, 1 CEE socket 400V/16A. Reel body made from special Breflex plastic on a galvanised frame. Ergonomic handle and axle for precision cable-management when winding and rewinding, with 3-pin safety cut-out and thermal overload protection, earthed sockets connected to separate phases, 3 year manufactures guarantee, black H07RN-F 5G2,5 cable

20 m	31.525.020	1		
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Extender Cable 220V, black


Quality building site cable IP44 for outside use, on construction site, trade and industry, with earthed plug and socket, H07RN-R 3G1,5 cable

10 m	31.561.010	1		
25 m	31.561.025	1		

Extender Cable 220V, red


Quality building site cable IP44 for outside use, on construction site, trade and industry. With earthed plug and socket. H07RN-R 3G1,5 cable

10 m	31.562.010	1		
25 m	31.562.025	1		

Extender Cable 220V, black, with Power block



Heavy-duty cable IP 44 with Power block Ideal for hard outdoor use, trade, industry and construction sites, top quality, with break-resistant plastic housing. 4 water-jet protected socket outlets with self-closing protective caps against dust and contamination, with foldable metal hook H07RN-F 3G1,5 cable

5 m	31.584.005	1		
10 m	31.584.010	1		

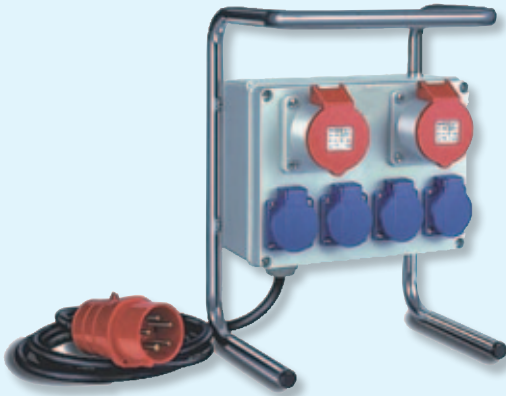
CEE Extender Cable 16A



IP44, black, for hard outdoor use, trade, industry and construction site. H07RN 5G1,5

10 m	31.571.010	1		
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Small Energy Station



IP44, for hard outdoor use, trade, industry and construction site, H07RN-F 5G1,5, solid, break-resistant plastic housing, jet-water protected, earthed sockets with 3 phases.

fitted to a robust, steel-tube frame for safe standing	31.607.001	1		
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Small Energy Station



like ref. 31.607.001 with handle for easy carrying

	31.607.100	1		
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Hot Glue Gun Economy



glue sticks Ø12 mm
 max. temperature: 205 °C
 voltage: 230 Vac
 heating-up time: 5 Minutes
 glue output: up to 600 g/h
 Nozzle unchangeable

86.110.035	1		
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Hot Glue Gun Professional



Semi-Industrial glue gun for very intensive use
 High glue output : up to 1600g/h
 Exchangeable nozzle Glue gun for professional users.
 Two pre-set temperatures (185°C and 200°C).
 High glue output (up to 1600 g/h). Silicon protected nozzle, and extra stable stand.
 Various types of nozzle are available as optional accessories.
 Adjustable temperature: Yes, Interchangeable nozzles: Yes, Heating time: 7min
 Glue stick diameter: 12mm Glue output g/h: 1600g/h Power W: 400W Width: 87.00
 Height: 325.00 Depth: 340.00 Weight: 1870 Use for: Car industry, carton closing,
 electronic, wood assembly, furniture, cable fixing
 Material: Top Class ABS and Glass Fibre Packaging unit: 1
 Other: EG330 220-240V

86.200.160	1		
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Hot Glue Gun Battery



Glue gun with lithium-ionic battery,
 for sticks with Ø12mm,
 new heater,
 bi-injected handle,
 innovative trigger system and Li-Ion technology provide full flexibility, freedom and
 comfort to bond all kind of material adjustable temperature: no exchangeable
 nozzle: yes
 heating-up time: 4 min
 glue output: 350 g/h 300 Watt

86.200.025	1		
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Glue Sticks



transparent,
 length 19 cm, Ø12 mm,
 universal use pot life

20 sec	86.110.060	1		
60 sec	86.190.060	1		

Drywall Builder

Hot Air Gun Standard



Hot air gun for removing paint but also usable for lighting the barbecue, loosening tight nuts, bending metal/plastic pipes etc. Comes with paint scrapers and nozzles, packed in a handy plastic case. Features: Over-heating protection, Safe usage in self-standing position, Cool Air Stage, Perfectly balanced, Hanger, Anti-Slip Soft Grip, Two temperature- and air blow levels, Ergonomic design Set of paint scrapers and 4 nozzles included Airflow I/min500 I/min Temperature C45/550°

86.300.210	1		
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Hot Air Gun Professional



operates with programmable temperature and airflow to achieve a rapid shrink action. I with 350°C; II with 500°C

2000 Watt

86.300.250	1		
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Cartouche pistol AKKU

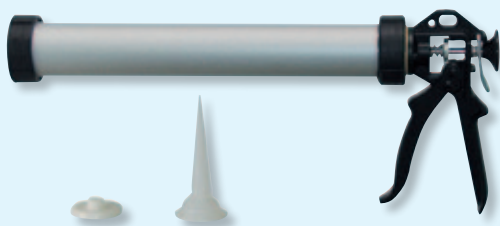


Powerful battery charging unit with infinite speed control for processing of 310 ml cartridges and 600ml bag cartridges. Max pressure 300 kg, the infinitely adjustable electronic control of 635 mm/min enables adaptation to various joint widths, cartridge fills and nozzle diameters, locking against unintentional switch on.

30.680.018	1		
30.680.019	1		


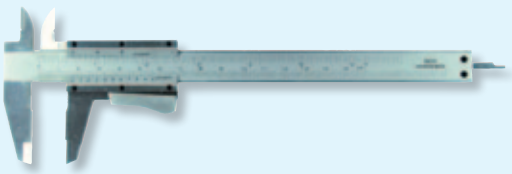

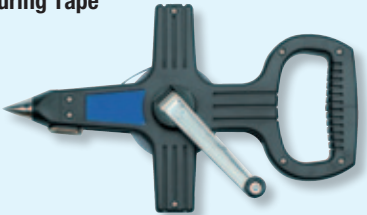


with case

Cartouche pistol



for seal bags and cartridges

320 ml	30.600.320	1		
600 ml	30.600.600	1		
replacement spare pointed	30.600.601	10		
replacement plate	30.600.602	10		
replacement ring	30.600.603	10		

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Folding Rule 2 m 	wood	40.200.001	1			
	glasfibre	40.200.002	1			
Vernier Caliper manual 	stainless					
	150 mm	31.400.001	1			
Vernier Caliper digital 	display shows mm or inch					
	150 mm	31.400.003	1			
Steel Measuring Tape 	steel					
	50 m	40.200.050	1			
Try Square 	Aluminium					
	300 mm	40.280.030	1			
Water Balance 	Aluminium					
	40 cm	40.220.040	1			
	60 cm	40.220.060	1			
	80 cm	40.220.080	1			

Product

Details

RefNr

Sales Unit

€piece/pair

Sales Unit

€piece/pair

Laser Rangefinder

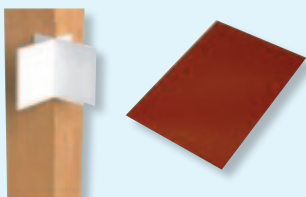


Laser Rangefinder up to 50 meters with lot of functions:

- addition,
- subtraction,
- area computation,
- volume computation,
- Pythagoras functions,
- for quick, easy and safe measurement

85.200.051	1		
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Target Plate



The laser fixed target makes it possible a better reflection from a long distance to the specific target. (it is recommended from 40-50 metres).

85.200.055	1		
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Measuring Cup



open handle, stackable

50 ml	40.600.050	1	10
100 ml	40.600.100	1	10
250 ml	40.600.250	1	6
500 ml	40.600.500	1	6
1 L	40.600.001	1	6
2 L	40.600.002	1	2
3 L	40.600.003	1	2
closed handle			
5 L	40.600.005	1	2

Collomix Mixing Tool



1010 watt, compact 1-speed machine for a wide range of mixing jobs with a capacity of up to 40 litres. Very easy to use, featuring the very latest ergonomic design. Excellent gearbox ratio and electronic speed control

WK Ø 120				
HEXAFIX® coupling	00.020.400	1		
M14 coupling	00.020.406	1		

1300 watt, very powerful, 2-speed mixer for universal mixing jobs with excellent ergonomics, high torques provide sufficient power and speed even for high viscosity material, ideal quantity per mix - 65 litres.

WK Ø 140				
HEXAFIX® coupling	00.020.412	1		
M14 coupling	00.020.418	1		
MK Ø 140				
HEXAFIX® coupling	00.020.424	1		
M14 coupling	00.020.430	1		

1600 Watt, very powerful, 2-speed mixer
1. speed 410 rpm, 2. speed 580 rpm, ideal quantity per mix 90 L

WK Ø 160				
HEXAFIX® coupling	00.020.436	1		
M14 coupling	00.020.442	1		

Collomix Compulsory Mixer



Xo55 Counter-rotating mixing tool; No counter-torque acting on the user makes for light work with less physical effort, Electronic speed control, infinitely variable for smooth power transmission, stirrers in different colours so they can be fitted easily and correctly. New: Rubber protective sleeves keep the coupling clean and in order, changeable

HEXAFIX® coupling	00.020.448	1		
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Stirrer for Xo55 duo and CX-Duo

MKD 120 HF Ø 190 mm	00.040.070	1		
MKD 140 HF Ø 210 mm	00.040.080	1		

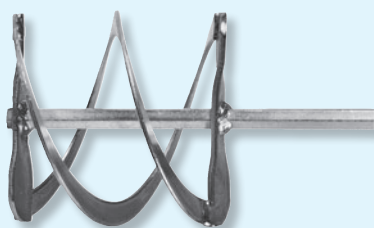
MK Stirrer



Three mixing helixes for all heavy and highly-viscous materials. Mixing direction: downside up long 59 cm, height of cage 14/17/21 cm

M14 coupling			
Ø 120 for 15-25 kg	00.031.324	1	
Ø 140 for 25-35 kg	00.031.326	1	
Ø 160 for 35-60 kg	00.031.327	1	
HEXAFIX® coupling			
Ø 120 for 15-25 kg	00.040.114	1	
Ø 140 for 25-35 kg	00.040.115	1	
Ø 160 for 35-60 kg	00.040.116	1	

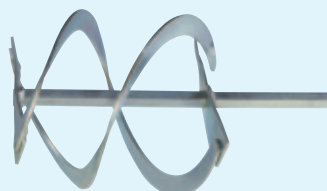
WK Stirrer



Suitable for diverse applications, the WK mixing tool is notable for outstanding conveyance of the material. With two wide mixing helixes for easy guidance in the material and minimal stress on the drive machine. Ideal for all sticky and viscous materials. Suitable for tile adhesives, construction adhesives, ready-mixed mortar and plaster, fillers, screed, cement, etc. Mixing direction: downside up

hexagonal coupling			
Ø 100 for 10-20 kg	00.041.248	1	
Ø 120 for 15-25 kg	00.041.247	1	
M14 coupling, length 60 cm			
Ø 120 for 15-25 kg	00.041.269	1	
Ø 160 for 25-35 kg	00.041.319	1	
HEXAFIX® coupling, length 59 cm			
Ø 120 for 15-25 kg	00.040.112	1	
Ø 140 for 25-35 kg	00.040.113	1	
Ø 160 for 35-60 kg	00.040.123	1	

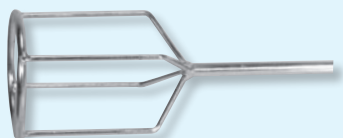
Spiral Stirrer without Guard Ring



Suitable for tile adhesives, construction adhesives, ready-mixed mortar and plaster, fillers, screed, cement, etc. Mixing direction: downside up length: 60 cm height of cage 10 cm

hexagonal coupling			
Ø 85 for 10-15 kg	00.031.085	1	

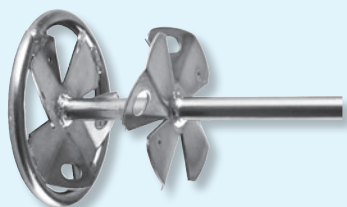
KR Stirrer



generates high shear forces which prevent the formation of lumps. The crossbar helps scrape material off the bottom of the tub. The mixing tool has good corner smoothness in the tub. Ideal for all sticky materials. Specially suitable for self-levelling materials (ARDEX, PCI, UZIN.), adhesives, sealants, fillers, epoxy mixes, Mixing direction: turbulence

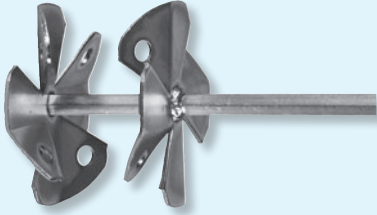
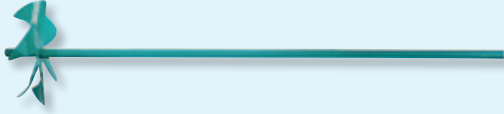


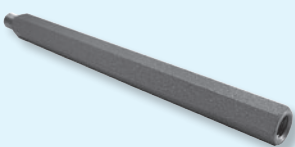
M14 coupling			
Ø 120 for 15-25 kg	00.031.024	1	
Ø 140 for 25-35 kg	00.041.635	1	
Ø 160 for 35-60 kg	00.041.636	1	
HEXAFIX® coupling			
Ø 120 for 15-25 kg	00.041.732	1	
Ø 140 for 25-35 kg	00.041.735	1	
Ø 160 for 35-60 kg	00.041.736	1	

Double-Disk Stirrer with Guard-Ring



for the preparation of thin-bed mortar for the cementing of concrete precision blocks. The two turbine blades, provide a strong flow of material to prevent the formation of lumps. Ideal for levelling compounds and liquid materials, etc. Mixing direction: upside down

M14 coupling, length 60 cm			
Ø 140 for 25-35 kg	00.033.140	1	
Ø 160 for 35-60 kg	00.033.160	1	

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Double-Disk Stirrer without Guard-Ring 	for the preparation of thin-bed mortar for the cementing of concrete precision blocks. The two turbine blades, provide a strong flow of material to prevent the formation of lumps. Ideal for levelling compounds and liquid materials etc. Mixing direction: upside down	hexagonal coupling, 10 mm, length 50 cm Ø 80 for 5-10 kg	00.031.080	1		
	M14 coupling, length 60 cm Ø 120 for 15-25 kg	00.031.120	1			
	Ø 150 for 25-40 kg	00.031.150	1			
Single Disk Stirrer 	generates a powerful flow in the material for optimum results in super-fast time, it let you work effortlessly, with minimum physical strain Ideal for liquid and spreading materials. Suitable for paints, primer coats, epoxy-resins, etc. Mixing direction: downside up	hexagonal coupling, 10 mm, length 50 cm Ø 90 for 5-10 kg	00.040.950	1		
	hexagonal coupling, 13 mm, length 59 cm Ø 120 for 10-25 kg	00.040.960	1			
	HEXAFIX® coupling, length 59 cm Ø 120 for 15-25 kg	00.040.108	1			
	M14 coupling, length 59 cm Ø 120 for 15-25 kg	00.040.970	1			
Bitumen Stirrer 	generates high shear forces which prevent the formation of lumps. The mixing tool supports a good material removal from the bottom and rim of the tub. Special mixing paddle for mixing 1- and 2-component bitumen materials. Mixing direction: upside down	HEXAFIX® coupling Ø 170 for 25-40 kg	00.040.140	1		
	M14 coupling Ø 170 for 25-40 kg	00.040.141	1			
Paint Stirrer 	Suitable for fluid materials. Ideal for paints, lacquers, primers, fine and creamy plasters, etc. Mixing direction: downside up	hexagonal coupling Ø60 for 0-5 kg	00.040.880	1		
	Ø80 for 5-10 kg	00.040.881	1			
	Ø100 for 10-20 kg	00.040.882	1			
	Ø120 for 20-30 kg	00.040.883	1			
	HEXAFIX® coupling Ø 120 for 20-30 kg	00.040.102	1			
	M14 coupling Ø 100 for 10-20 kg	00.040.884	1			
	Ø 120 for 20-30 kg	00.040.886	1			
Stirrer Extension 	15 cm	00.032.215	1			
	25 cm	00.032.225	1			
	40 cm	00.032.240	1			

Plastic Construction Bucket



Made from high-grade polyethylene regenerate mixture, black, galvanised bracket

12 L

99.100.012

5

Bucket Carrier



cheap solution for transporting mixing buckets on site
Without bucket

46.100.000

1

Bucket Carrier



Aluminium-steel-construction with aluminium shovel and high-grade plastic parts.
Air filled wheels. Hubs with needle bearings.
Comfortable anti slip pull bar.
Elastic adjusting straps for saving the transport goods.
Shovel and wheels hinged with one grip. Retractable gripping bars.
Loading capacity 250kg, Length of shovel 45cm, width of shovel approx. 60cm,
Total width approx. 66cm, net weight 12,6Kg
Dimensions folded: high approx. 85cm, width approx. 66cm, depth approx. 13cm
Dimensions opened: height approx. 174cm, width approx. 66cm, depth approx. 74cm

99.500.420

1

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

ZEC-Grinding Disk

with silicon carbide
Ø 115 mm

granulation 16	52.115.016	5		
granulation 24	52.115.024	5		
granulation 36	52.115.036	5		
granulation 80	52.115.080	5		

Ø 125 mm

granulation 16	52.125.016	5		
granulation 24	52.125.024	5		
granulation 36	52.125.036	5		

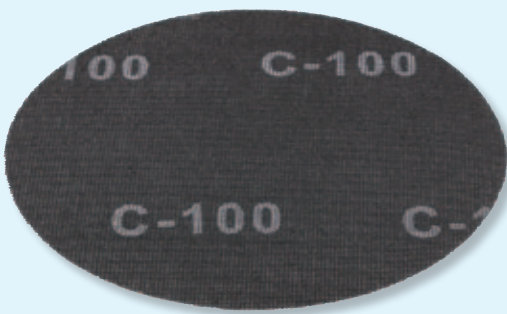
Ø 178 mm

granulation 16	52.178.016	5		
granulation 24	52.178.024	5		
granulation 36	52.178.036	5		
granulation 60	52.178.060	5		
granulation 80	52.178.080	5		

Sanding Disk for Giraffe Ø 225mm

Ø225 mm, E-paper, with aluminium oxide resin bonded, velcro price per pack of 50 pcs

granulation 60	52.225.060	1		
granulation 80	52.225.080	1		
granulation 100	52.225.100	1		
granulation 120	52.225.120	1		
granulation 150	52.225.150	1		
granulation 180	52.225.180	1		
granulation 220	52.225.220	1		

Sanding (Giraffe) Ø 225mm

velcro, silicon carbide synthetic resin bonded price per pack with 10 pcs

granulation 100	52.227.100	1		
granulation 120	52.227.120	1		
granulation 150	52.227.150	1		
granulation 180	52.227.180	1		
granulation 220	52.227.220	1		

Grinding Mop Disk

zirconium corundum on glasfibre disk
Ø 115 mm

granulation 40	52.115.440	10		
granulation 60	52.115.460	10		
granulation 80	52.115.480	10		

Ø 125 mm

granulation 40	52.125.440	10		
granulation 60	52.125.460	10		
granulation 80	52.125.480	10		

Cleaning Disk



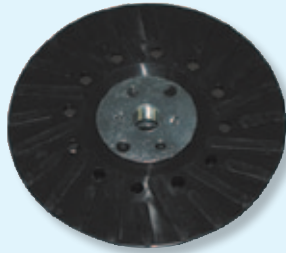
suitable for removing paint/varnish from steel and cleaning weldseam, max. 63 m/s rpm

115x13x22 mm
125x13x22 mm

52.115.801
52.125.801

5
5

Ground Plate



supports ZEC grinding disk

Ø 115 mm
Ø 125 mm
Ø 178 mm

52.115.000
52.125.000
52.178.000

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1
1

Flexible Grinding Disk Metal



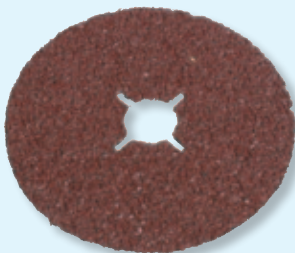
with korund in synthetic resin bonding (for metal), flat cross cut hole 22 mm

Ø 115 mm
granulation 40
granulation 60
granulation 80

53.115.040
53.115.060
53.115.080

50
50
50

Flexible Grinding Disk Stone



with silicon carbide in synthetic resin bonding (for concrete, stone), flat cross cut hole 22 mm

Ø 115 mm
granulation 36
granulation 60
Ø 125 mm
granulation 40
granulation 60
granulation 80
Ø 178 mm
granulation 16
granulation 24
granulation 40
granulation 60
granulation 80

53.115.236
53.115.260
53.125.040
53.125.060
53.125.080
53.178.016
53.178.024
53.178.040
53.178.060
53.178.080

50
50
50
50
50
50
50
50
50
50

Grinding Float



carbide granulation, 12x22 cm

granulation 14
granulation 24

52.120.014
52.120.024

1
1

Cotton-Polyester-Latex Glove



seamless glove with micro porous latex coated and roughened palm for sensitiveness and more grip, breathable backside, comfortable and flexible, abrasion resistant

size 9	60.240.009	12	72
size 10	60.240.010	12	72

Cotton-Polyester-Latex Glove



seamless knitted terry glove, green latex coating on palm and finger tips, perfect grip Category 2 EN 388

size 9	60.280.009	12	144
size 10	60.280.010	12	144

Winter Blocker Glove



seamless knitted terry glove, yellow, blue latex coating on palm and finger tips, perfect grip

size 9	60.850.009	12	72
size 10	60.850.010	12	72
size 11	60.850.011	12	72

white, pre-powdered, non sterile, beaded cuff Box with 100pcs



white, pre-powdered, non sterile, beaded cuff Box with 100pcs

XL	60.700.010	1	
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Cotton-Nitrile Glove Economy



yellow, nitrile coating on interlock liner, open back, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

size 9	60.300.009	12	144
size 10	60.300.010	12	144
size 11	60.300.011	12	144

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Cotton-Nitrile Glove Premium

yellow, nitrile coating on interlock liner, perfect fit, open back, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

size 9	60.340.009	12	144
size 10	60.340.010	12	144

PU-Nitrile-Stretch Glove with knobs

seamless knitted glove, special grey and flexible stretch material, very soft black coating on palm and finger-tips, dotted palm, perfect fitting, EN420, EN388 CAT2

size 9	60.480.009	12	144
size 10	60.480.010	12	144

PU-Nitrile-Stretch Glove

seamless knitted glove, special grey and flexible stretch material, very soft black coating on palm and finger-tips, dotted palm, perfect fitting, EN420, EN388 CAT2

size 9	60.481.009	12	144
size 10	60.481.010	12	144

PU-Stretch Glove

grey, palm and finger tips with grey PU coating EN420 & EN388 CAT2

size 9	60.430.009	12	144
size 10	60.430.010	12	144

Latex-Nylon Stretch Glove

grey, open back, knitted wrist, black latex coating EN420 & EN388 CAT2

size 9	60.460.009	12	144
size 10	60.460.010	12	144
size 11	60.460.011	12	144

Nitrile-Nylon Stretch Glove



knitted glove, open back, with micro-foam-nitrile coating, breathable, excellent fit, extreme good sense of touch CE CAT2

size 9	60.470.009	12	144
size 10	60.470.010	12	144

Nitrilefoam-Nylon Stretch Glove



knitted glove, back of hand partly coated with micro-foam-nitrile coating, breathable, excellent fit, extreme good sense of touch CE CAT2

size 9	60.475.009	12	144
size 10	60.475.010	12	144

Nitrile-Nylon Stretch Glove



Nylon/Spandex knitted glove, back of hand partly coated, liquid proofed inside and back of glove double nitrile coating, on top a slip resistant nitrile coating (only inside)

size 9	60.477.009	12	72
size 10	60.477.010	12	72

Cotton Drill Gloves



natural grey, 8 oz., knitted wrist

size 10	60.900.009	12	240
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Cotton Jersey Gloves



natural grey, ambidextrous, 26 cm length

size 10	60.920.010	12	240
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Cotton Interlock Gloves



raw white, 26 cm, heavy weight

size 10	60.960.010	10	600
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Nylon-Cotton-PVC Dot Glove



Seamless knitted glove, one side PVC-dots, with palm, high comfort EN 288 CAT2

size 10	60.950.010	12	240
size 11	60.950.011	12	240

Cotton-Polyester-PVC Dot Glove



Seamless knitted glove, both sides PVC-dots, with palm, high comfort EN 288 CAT2

size 10	60.955.010	12	240
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Cow Leather-Cotton Glove



leather thickness approx. 1mm, made of core split leather, good quality, with cuff CAT2

size 10	60.111.010	12	120
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Cow Leather-Cotton Glove Premium



leather thickness min 1,2mm, good quality, with rubberised cuff CAT2

size 10	60.112.010	12	120
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Vinyl-Cotton Glove



an alternative to leather gloves Ref.Nr.. 60.111.010 because chromate free

size 10	60.610.010	12	120
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Hand cleaner



special cleaner for resins, sensational cleaning performance

- skin-friendly solvent
- without abrasive agents
- all free from artificial scents and preservatives
- excellent skin compatibility
- dermatologically tested
- bio-degradable

1 litre	98.000.001	1		
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Skin Maintaining Lotion



Lotion for skin regeneration, containing bee wax and natural oil, silicon free

250 ml	98.000.002	1		
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Cover Foam



protect hand from dirt, reduces sweating in gloves, reaches for approx. 150 applications

100 ml	98.000.003	1		
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Face Shield Crème



protects face against ink mist during spraying. Prevents ink mist from adhering to sensitive facial skin - easy to wipe off with a cloth

100 ml	98.000.310	1		
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Scrubs in a bucket



Citrus-based formula on tough towel Dissolve and absorb grease Pumice Soap on pre-moistened towels Removes, grease, paint, caulk, tar, oils, dirt, ink, dye, sealants & more

72 towels per bucket	98.900.001	1	6	
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Cotton Cleaning Rags



- multi-coloured
- 10 kg bag
- pure white
- 10 kg bag

multi-coloured 10 kg bag	98.800.010	1		
pure white 10 kg bag	98.801.010	1		

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Non-woven Cloth



**40x40 cm, approx. 500 pcs
price per 10 kg**

10 kg

98.810.010

1

Cleaning Paper Role



**blue, 1000 sheet á 36cm
3 layers**

98.815.035

1

PP-CPE Protection Shoe



**made of polypropylene, with CPE outsole, for walking on new floors to protect
against scratching
price per pcs**

92.000.003

50

100

PP-CPE Protection Shoe



**with PVC sole, for walking on new floors to protect against scratching, slip resistant
and antistatic
price per pcs**

92.000.004

10

100

Billing Address**Delivery Address**

Company: _____

Company: _____

City: _____

City: _____

Street: _____

Street: _____

Phone: _____

Phone: _____

Name: _____

Name: _____

Date: _____

Date: _____

POS	Item No.	Item	Unit	Price
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

5

Worker Protection



Cushion for Chaps	5 - 24	Head Hood	5 - 23
Disposable Mask Valved	5 - 7	Knee Pad	5 - 20
Dust Respirator	5 - 7	Light for Hard Cap	5 - 12
Ear Protection Capsule	5 - 17	PE Protection Boot	5 - 23
Ear Protection for Helmet	5 - 13	PP Workwear	5 - 22
Eye Rinsing Bottle	5 - 18	Protection Workwear	5 - 22
Face Shield Crème	5 - 19	Respirator 3M	5 - 10
Filter	5 - 8	Safety Glasses	5 - 14
Filter 3M	5 - 10	Safety Glasses with Filter	5 - 16
Full Vision Respirator Mask	5 - 7	Safety Helmet	5 - 12
Gloves	5 - 1	Screed layers Chaps	5 - 24
Half Mask Respirator	5 - 8	Scrubs	5 - 19
Half Mask Respirator 3M	5 - 10	Skin Maintaining Lotion	5 - 19
Hand Cleaner	5 - 18	Skin Protection	5 - 18
Hard Cap	5 - 12		

Standards for Fine Dust Masks

Type	Performance	Materials
	(Half/quarter mask)	
P 1 FFP1 R or NR	low performance fine dust up to 4 x MAK 0,1 Vol.-% (1.000 ppm)	For solid hazardous, fibrogenic particles e.g.: textile fibres, marble, sulphur, silicic acid
P 2 FFP2 R or NR	medium performance fine dust up to 10x MAK 0,5 Vol.-% (5.000 ppm)	For solid and gaseous, less-toxic particles e.g.: carbon, copper, aluminium, cotton, metal, textile fibres, manganese, welding fumes
P 3 FFP3 R or NR	high Performance fine dust up to 30x MAK 1,0 Vol.-%(10.000 ppm)	For solid toxic particles e.g.: chromium, nickel, lead
R = reusable		
FFPx D	every mask which can be used in more than one shift has to be marked with „D“	
Storage = max. 3 years		
FFP = Filtering Face Piece MNP = Mouth Nose Protection		
MAK = Maximum Workplace Concentration		

Respirator Filter

Type	Use	Colour
A	Gases and vapours of organic compounds with boiling point > 65 °C	brown
AX	Gases and vapours of organic compounds with boiling point ≤ 65 °C	brown
B	Inorganic gases and vapours, e.g. chlorine, hydrogen sulphide, hydrogen cyanide	grey
E	Sulphur dioxide, hydrogen chloride	yellow
K	Ammonia and organic Ammonia derivates	green
NO	Nitrous gases including nitrogen monoxide	blue
Hg	Mercury vapour	red
CO	Carbon monoxide	black
Reaktor	Radioactive iodine including radioactive methyl iodide	orange
SX	Gases and vapours accor. Supplier	purple
P	Partikle	white

Durability max. 3 years,
if opened 6 month

Filter class 1 to 3: higher class means higher protection
Class 1 1.000 ml/m³ (0,1 Vol.-%)
Class 2 5.000 ml/m³ (0,5 Vol.-%)
Class 3 10.000 ml/m³ (1,0 Vol.-%)

EN 388

European Standards for protective gloves

Protective gloves against mechanical hazards		Rating
Abrasion resistance	4	1 - 4
Cut resistance	1	1 - 5
Tear resistance	2	1 - 4
Puncture resistance	1	1 - 4

the higher the better

protective gloves against mecanical hazard have to have at least at one criteria the rating 1

According EN420
all these ratings based on lab testing

Cotton-Nitrile Glove Economy



yellow, nitrile coating on interlock liner, open back, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

size 9	60.300.009	12	144
size 10	60.300.010	12	144
size 11	60.300.011	12	144

Cotton-Nitrile Glove Premium



yellow, nitrile coating on interlock liner, perfect fit, open back, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

size 9	60.340.009	12	144
size 10	60.340.010	12	144

Cotton-Nitrile Glove Economy full coated



yellow, nitrile coating on interlock liner, fully coated, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

size 9	60.310.009	12	144
size 10	60.310.010	12	144

Cotton-Nitrile Glove Economy full coated with cuffs



yellow, nitrile coating on interlock liner, open back, with cuff, EN420, EN388 CAT2, TÜV-GS tested

size 10	60.500.010	12	144
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Nitrile Glove with long sleeve



green, 33 cm length, flock lined, pairs packed separately in polybags EN388 CAT2 and EN374 CAT3

size 9	60.600.009	12	144
size 10	60.600.010	12	144
size 11	60.600.011	12	144

Nitrilefoam-Nylon Stretch Glove



knitted glove, back of hand partly coated with micro-foam-nitrile coating, breathable, excellent fit, extreme good sense of touch CE CAT2

size 9	60.475.009	12	144
size 10	60.475.010	12	144

Nitrile-Nylon Stretch Glove



Nylon/Spandex knitted glove, back of hand partly coated, liquid proofed Inside and back of glove double nitrile coating, on top a slip resistant nitrile coating (only inside)

size 9	60.477.009	12	72
size 10	60.477.010	12	72

Winter Blocker Glove



seamless knitted terry glove, yellow, blue latex coating on palm and finger tips, perfect grip

size 9	60.850.009	12	72
size 10	60.850.010	12	72
size 11	60.850.011	12	72

Disposable gloves



white, pre-powdered, non sterile, beaded cuff Box with 100pcs

XL	60.700.010	1	
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Cow Leather-Cotton Glove



leather thickness approx. 1mm, made of core split leather, good quality, with cuff CAT2

size 10	60.111.010	12	120
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Cow Leather-Cotton Glove Premium



leather thickness min 1,2mm, good quality, with rubberised cuff CAT2

size 10	60.112.010	12	120
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Vinyl-Cotton Glove



an alternative to leather gloves Ref.Nr. 60.111.010 because chromate free

size 10	60.610.010	12	120
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Dust Respirator



no respiratory protection

92.100.001	50		
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Dust Respirator



no breathing filter, can be used in concentrations up to 4x the exposure Standard, it meets the requirements of EN 149/2001 ClassP1

FFP1 Class 1 efficiency (80% minimum) for low risk hazards with a protection factor of 4

FFP1 Class 1	92.200.001	20	
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Moulded Disposable Mask Valved Economy



This shaped to fit quality range of moulded disposable masks are available in Small, Medium and Large sizes. The valve products increase user comfort by lowering CO2 and heat build-up. With exhalation valve to increase comfort. Conforms to EN149:2001+A1:2009.

FFP1 Class 1 efficiency (80% minimum) for low risk hazards with a protection factor of 4
FFP2 Class 2, medium efficiency (94%) with a protection factor of 10.

FFP1 Class 1	92.400.001	20	
FFP2 Class 2	92.400.002	20	

Horizontal Fold Flat Mask Valved Professional



Horizontal fold flat shape for better fitting and clearer vision as well as convenience and ease of use. Extremely low breathing resistance, extremely low CO2 and heat build-up, and extremely low moisture build up. Hygienically individually packed. Conforms to EN149:2001+A1:2009, the silicone valve is unaffected by any moisture, and therefore can be used with the same performance under very low temperatures

FFP1 Class 1 efficiency (80% minimum) for low risk hazards with a protection factor of 4
FFP2 Class 2, medium efficiency (94%) with a protection factor of 10.

FFP1 Class 1	92.400.101	10	
FFP2 Class 2	92.400.102	10	

Full Vision Respirator Mask



made of neoprene, without filter; use cartridge ref. 93.000.003

without filter	92.300.002	1	
A2 cartridge for ref. 92.300.002	93.000.003	1	
Particle Filter for ref. 92.300.002	93.000.004	2	
Replacement Glass	92.300.003	1	

Full Face Mask



A full face twin cartridge mask with Class 3 heavy duty filter connections and clear panoramic visor with anti-mist, and anti-scratch coating. 5-point suspension harness and quick release buckle. The mask moulds padded. Conforms to: BS EN 136:1998

without twin cartridge	92.300.005	1		
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Half Mask



The twin cartridge half mask with Typhoon™ valve offers superior low breathing resistance and a 4-point suspension harness with quick release buckles. Made with a durable thermoplastic rubber offering a superior fit to most face shapes. The mask accepts the full range of low profile filters giving the mask the flexibility to be used for many applications.

with AB1P2 combination cartridge	92.401.101	1		
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Cartridge for ref. 92.300.005 + 92.401.101



A1 Organic Vapour Cartridge

price per pack of two	92.401.001	1		5
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Cartridge for ref. 92.300.005 + 92.401.101



A2 Organic Vapour Cartridge

price per pack of two	92.401.002	1		5
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Cartridge for ref. 92.300.005 + 92.401.101



FFP2 particulates filter

price per pack of two	92.402.002	1		5
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Product

Details

RefNr

Sales Unit € piece/pair Sales Unit € piece/pair

Cartridge for ref. 92.300.005 + 92.401.101



AB1 Organic and In-Organic Vapour Cartridge

price per pack of two

92.401.005	1	5
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Cartridge for ref. 92.300.005 + 92.401.101



Cost effective filters for protection against particulates

P2 Pre-Filter Kit

92.402.012	1	5
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Cartridge for ref. 92.300.005 + 92.401.101



Cost effective filters for protection against particulates with low profile angle for minimum visual impairment. Cartridges have an integral maintenance free disposable inhalation valve

A1P2 Combination Cartridge

92.403.001	1	5
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Dust Respirator



3M Cool Flow valve reduces heat build up to offer comfortable protection, particularly in hot and humid conditions. Reliable, effective protection against fine particulates. Durable collapse resistant inner shell. Excellent fit over a wide range of face sizes provided by convex shape, nose clip and twin-strap design. Comfortable, light weight off-the-face design. Standard: EN149:2001 FFP1 Approval: CE Marked Maximum use level: Assigned Protection Factor: 4 x OEL (Nominal Protection Factor 4 x OEL)

FFP1 Class 1	92.200.104	10		
FFP2 Class 2	92.200.110	10		

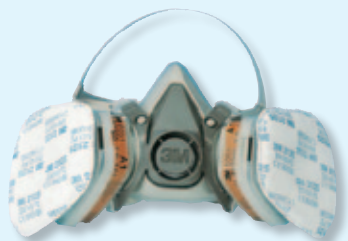
3M Dust Respirator Comfort Class



This new generation of respirators provides comfort and style without compromising performance - Three-panel design for improved comfort, fit and communication - Reliable, effective protection against fine particulates - 3M Cool Flow valve reduces heat build-up to offer comfortable protection, particularly in hot and humid conditions - Individually packed, foldable design prevent contamination before use and allows easy storage - Soft inner cover-web for greater comfort against the skin - Eventen-sioned straps relieve pressure for a comfortable and secure fit Standard: EN149:2001 FFP1 Approval: CE Marked Maximum use level: Assigned Protection Factor: 4 x OEL

FFP1 Class 1	92.200.204	10		
FFP2 Class 2	92.200.210	10		

3M Half mask Respirator



without cartridge, the 3M 6000 Series half masks are reusable respirators designed for low maintenance and maximum simplicity and comfort.

Medium Size	92.300.101-M	1		
Large Size	92.300.101-L	1		

use cartridge ref. 93.000.001/002

3M Comfort Half Mask Respirator

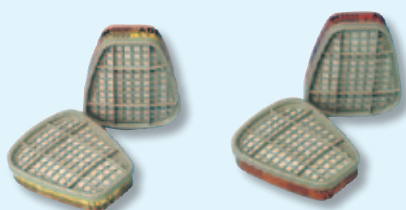


without cartridge, 3M 7000 series half masks are reusable respirators with fully replaceable parts for maximum durability and quality.

Large Size	92.300.001	1		
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use cartridge ref. 93.000.001/002

3M Cartridge



cartridge for ref. 92.300.001 + 92.300.101

A1 Organic Vapour Cartridge	93.000.001	2		
A2 Organic Vapour Cartridge	93.000.002	2		

Hard Cap



exceed the most recent standards, EN812:1997+2001, Reflective piping on all models adds extra visibility, extra holes in the liner plus the two mesh panels on the outer mean added ventilation, Sizing ranges from 53cm to 63cm head size, the outer cap is removable and fully washable for hygiene purposes and extended life cycle, with sweat band

80.000.201	1		
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LED Lamp



for use with hardcap A1+ and safety helmets. Lightweight. Contains five high power LEDs. Lithium batteries included. Securely mounts onto peak of chosen head wear, 4 power settings: 1xLED, 3xLED, 5xLED, Flash/Hazard

80.000.290	1		
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Safety Helmet



according EN, 6 internal strap support and sweat band, rainwater gutter, prepared for ear and face protection, weight approx. 340g

80.000.001	1		
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Assimilable Safety Glasses



easy assembly kit for adding a clear, polycarbonate, retractable eyeshield to safety helmet ref. 80.000.001, conforms to EN166.1.F

80.000.011	1		
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Safety Helmet with Integral Visor



extremely comfortable terylene webbing moulds to the individual shape of the wearers head, a rain channel directs rain away from wearers face, lets hot air out of the roof of the helmet, whilst at the same time sucking in cooler air from the bottom of the helmet, reduces helmet temperatures by an average 2-3°C, the integral visor ensures that eye protection is on hand when needed and never lost, whilst removing the need for additional eye protection. Protects to EN166.1.F

80.000.101	1		
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Replacement Visor for ref. 80.000.101	80.000.121	1	
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Ear Protection Capsule



for ref. 80.000.101 SNR: 28dB Conforms to EN352-3

SNR-Wert: 28dB

80.000.131	1		
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Leather Sweatband



for ref. 80.000.101

80.000.090	3		
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Deluxe Chin Strap with Chin Cup



for ref. 80.000.101 wide elastic chinstrap with chin cup releases automatically with forces between 150 and 250 Newton's

80.000.095	1		
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Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Protection Eye Glasses 	a compact and lightweight goggle, tough Polycarbonate lens offers high resistance to impact from flying particles vented body, cost effective, PVC frame, Polycarbonate lens. standard anti fog Conforms to EN 166.1.B	80.100.001 80.100.002	1 1			
Protection Eye Glasses 	glass size: 2,5x2" (62x52mm)	80.200.001	1			
Panorama Protection Eye Glasses 	a wraparound traditional style eye shield for wide vision and complete protection, moulded nose piece for added comfort side shields and adjustable arms with cord attachment point, extremely light weight, scratch resistant and antistatic Conforms to EN166.1	80.200.002	1			
Curved Panorama Protection Eye Glasses 	Length and angle adjustment temples. Impact and UV protection extended wraparound single lens. Blocks 99.9% of ultraviolet radiation. Lightweight adjustable frame. Conforms to EN166.1.F	80.200.005	1			
Sporty Safety Glasses 	soft flexible nose pad and rubber temple tips ensure comfort fit and reduce slippage, dual curved lens provide uncompromised wide vision and protection blocks 99.9% of ultraviolet radiation. Sporty modern design. Conforms to EN166.1.F	80.200.008	1			
Sporty Safety Glasses with adjustable side arms 	latest sports style, ultra lightweight with soft nose bridge make this spectacle very comfortable. Conforms to EN166 1.F	80.200.018	1			

Worker Protection

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Smoked Safety Glasses


contour design and flexibility of frame gives a good versatile fit onto both smaller and larger faces extremely light and comfortable, has been tested and approved to EN166 1.F.T protection together with EN170 - UV Ultra Violet ray filters or EN172 - Sun filters for industrial use all lenses provide UV protection

Smoke Frame and HC Lens UV400	80.200.009	1		
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Flexible Safety Glasses


Sports style side arms to ensure comfortable, secure fit. Enhanced soft rubber for maximum ease of wear, fully flexible enhanced TPU frame is capable of recovering from almost any deformation, world leading inject-binded lens and frame ensure optimum resilience, life span and unbeatable performance, supple frame-casing adjusts exactly to wearers face making them the most comfortable glasses available.

Translucent Orange Frame Smoke HC Lens UV400	80.200.010	1		
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Flexible Safety Glasses


Sports style side arms to ensure comfortable, secure fit. Enhanced soft rubber for maximum ease of wear, fully flexible enhanced TPU frame is capable of recovering from almost any deformation, world leading inject-binded lens and frame ensure optimum resilience, life span and unbeatable performance, supple frame-casing adjusts exactly to wearers face making them the most comfortable glasses available.

Blue Frame Indoor/Outdoor HC Lens UV400 HC Lens UV400	80.200.011	1		
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Black Spectacle Neck Cord


standard cord for attachment to all safety spectacles to ensure they are always close to hand

	80.200.090	1		
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Zippered Rigid Case


Protective case for storing either safety spectacles or goggles with a zippered lid

	80.200.093	1		
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Safety Glasses with Filter Economy



safety eyewear and respirators often reduce each others effectiveness because eyewear frames compromise the seal of the respirator and lead to lens misting and reduced respiratory protection.

FilterSpec® combines both protective devices into an integrated unit, allowing them to work harmoniously to provide optimum wearer comfort and protection, anti-mist and anti-scratch coating as standard on all lenses, Spectacle conforms to: EN166.1.F.T, Disposable filter respirator element for optimum protection, low breathing resistance valve reduces moisture and CO build up, padded for extra comfort over prolonged use, moulds to face shape for excellent seal. Conforms to: EN1827:1999 + A1:2009

with FMP2 Valve Filter - clear lens (clam shell)

92.405.000	1		
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Safety Glasses with Filter Professional



suitable for spectacles wearer safety eyewear and respirators often reduce each others effectiveness because eyewear frames compromise the seal of the respirator and lead to lens misting and reduced respiratory protection.

FilterSpec® combines both protective devices into an integrated unit, allowing them to work harmoniously to provide optimum wearer comfort and protection, Goggle Stylish goggle design providing impact protection. Fully adjustable dual wide fitting elastic harness for optimum fit and comfort. Anti-mist coating as standard. Anti-scratch coating as standard. 5.5 base, one-piece lens offers optimal coverage. Can be used with prescription (Rx) eyewear.

Goggle conforms to: EN166.1.B.T Respirator Filter The respirators have been developed for particular working environments, integrating features like activated carbon layer offering relief from nuisance odours below TLV (Threshold Limit Value, the work place exposure limit.

This new concept in eye and respiratory protection, solves the problem of incompatible safety spectacles and disposable respirators. Disposable filter respirator element for optimum protection. Low breathing resistance valve reduces moisture and CO build up. Padded for extra comfort over prolonged use. Moulds to face shape for excellent seal. Conforms to: EN1827:1999 + A1:2009

Black with FMP2 Valve Filter

92.405.100	1		
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Replacement Filter



for ref. 80.405.000 and 80.405.100, against organic gas and dust
10 pcs per box, price per box

FFP2	92.405.002	1		
FFP3	92.405.003	1		

Product

Details

RefNr

Sales Unit

€ piece/pair

Sales Unit

€ piece/pair

Ear Protection Capsule Economy

weight approx. 160g, adjustable to any required height

SNR: 25dB

80.300.001

1

Ear Protection Capsule Standard

Quality ear defenders, for use in medium duty industrial and outdoor applications, soft, wide foam cushions for all day comfort - ideal for long shifts, over the Head SNR=30, Behind the Head SNR=26, conforms to EN352-1

SNR: 30dB

80.300.011

1

Earplugs

self-adjusting to minimise pressure on the ear canal and to maximise noise protection, conforms to EN352-2

SNR: 33dB

80.300.010

10

100

Ear Plugs with Cord

re-useable, washable corded ear plug with compact carry case, conforms to EN352-2

SNR: 32dB

80.300.050

5

50

Ear Plugs with Cord

re-useable, washable corded ear plug with compact carry case, conforms to EN352-2

SNR: 26dB

80.300.060

1

Eye Rinsing Bottle



with 0,9% Na-Solution, durable 3 years, max. rinsing time 4 min

200 ml

94.000.200

1

Protection Bag



for eye rinsing bottle Art. Nr. 94.000.200 incl. straps for belts attachment

94.001.200

1

Hand cleaner



special cleaner for resins, sensational cleaning performance

- skin-friendly solvent
- without abrasive agents
- all free from artificial scents and preservatives
- excellent skin compatibility
- dermatologically tested
- bio-degradable

1 litre

98.000.001

1

Skin Maintaining Lotion



Lotion for skin regeneration, containing bee wax and natural oil, silicon free

250 ml

98.000.002

1

Cover Foam



protect hand from dirt, reduces sweating in gloves, reaches for approx. 150 applications

100 ml

98.000.003

1

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Knee Pad black 	made of PU foam, certified acc. DIN EN 14404 subject class 2 puncture resistant 1 strap	80.400.010	1			
Knee Pad yellow 	made of PU foam certified acc. DIN EN 14404 subject class 0, not puncture resistant 2 strap replacement strap	80.400.002 80.400.100	1 1			
Knee Pad white 	designed for jobs where most of the work is carried out kneeling – inner pocket lined with permanently elastic, very soft material - adapts to the shape of the users knee	80.410.001	1			
Knee Pad bellows 	flexible knee pad, made of PUR, with elastic folds. The 4 fold knee-protector with elastic bellows provides freedom of movement and optimum protection. With a tough, abrasion-proof outer skin, combined with a new ergonomically designed inner cushion. orange	80.415.002	1			
Knee Pad bellows 	white, rounded shape	80.412.005	1			
Gel Knee Pad 	with flexible „non marking“ cap, EN14404 certified, elastic one strap hold, Padding filled with elastic gel	80.430.001	1			

Worker Protection

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Hard Cap Knee Pad with Hinge



optimised with patented ergonomic form-cushion - inherently stable, washable and permanently elastic Fully adjustable 4cm width elastic straps

80.420.001	1		
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Hard Cap Knee Pad with Bellow



this model combines the advantages of a hard shell knee-protector, with an elastic bellow. It fits perfectly on the upper part of the knee and prevents the intrusion of foreign particles while allowing maximum mobility.

80.420.020	1		
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Knee Pad Accessories

Attachment Button

80.420.006	1		
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Replacement strap for hard cap knee pad

80.420.005	1		
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Knee Protector



for optimal knee protection while working done in a kneeling position. With the continuously variable Velcro straps the protectors can be properly adjusted and fastened to the knee. All work on building sites can be carried out knee friendly and painless. Developed in cooperation with the Federation of Trade Associations.

80.415.050	1		
80.415.055	1		

replacement straps

Product

Details

RefNr

Sales Unit

€piece/pair

Sales Unit

€piece/pair

PE Overall



made of white polypropylene fleece, with cowl, elastic cuffs, ankles and waist

XL	90.000.XL	1	50
XXL	90.000.XXL	1	50

PE Overall



antistatic (EN 1149-1), white, with cowl, elastic cuffs, ankles and waist, CE CAT III, Type 5&6

XL	90.050.XL	1	
XXL	90.050.XXL	1	

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

PE Trousers



made of white polypropylene fleece, air-permeable, elastic cuffs, ankles and waist

XL	90.100.L	10	50
XXL	90.100.L	10	50

Head Hood



Barret form

Ø 53 cm	92.010.053	10	
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PP Arm protection



made of polypropylene fleece, 30 g/m², length 45 cm, air-permeable and moisture-repellent

	92.010.001	10	30
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PE Protection Boot



splash protection of shoes and trousers during deaeration, priming or sealing

	92.000.001	10	30
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Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

PP-CPE Protection Shoe



made of polypropylene, with CPE outsole, for walking on new floors to protect against scratching
price per pcs

92.000.003	50	100
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PP-CPE Protection Shoe



with PVC sole, for walking on new floors to protect against scratching, slip resistant and antistatic
price per pcs

92.000.004	10	100
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Screed layers Chaps



Chaps with knee cushion

closed with press button up to knee

90.210.010	1
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closed with Velcro up to knee

90.210.020	1
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Cushion for Chaps



conforms to EN 14404

90.250.010	1
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6

Testing and Measuring



Cabel Finder	6 - 7	Pyrometer	6 - 9
CM Measuring Set	6 - 14	Radio	6 - 9
Concrete Testing Hammer	6 - 12	Rangefinder	6 - 2
Floor Surface Laser	6 - 10	Ruler	6 - 1
Folding Ruler	6 - 1	Spoon Balance	6 - 3
Humidity Tester	6 - 13	Steel Measuring Tape	6 - 1
Job Site Radio	6 - 9	Stud Detector	6 - 5
Laser Rangefinder	6 - 2	Surface Laser	6 - 10
Measuring Cup	6 - 3	Testboy	6 - 8
Measuring Wheel	6 - 2	Thermometer	6 - 8
Multimeter Economy	6 - 4	Thickness Gauge	6 - 1
Multimeter Professionell	6 - 6	Thickness Gauge	6 - 12
Odometer	6 - 2	Try Square	6 - 2
Platform Scale	6 - 3	Vernier Caliper	6 - 1
Pull Off Tester	6 - 16	Wall Scanner	6 - 4
		Water Balance	6 - 3

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Thickness Gauge  <p>Multitool GmbH Scheffelstr. 6 - D-69234 Dielheim Tel. +49 (0)6222-7739733 Fax +49 (0)6222-75483 info@multitool.de - www.multitool.de</p>	aluminium, measuring range 0,5-10mm	99.001.001	1			
	plastic, measuring range 0,25-2mm	99.001.002	1			
Folding Rule 2 m 	wood	40.200.001	1			
	glasfibre	40.200.002	1			
Vernier Caliper manual 	stainless					
	150 mm	31.400.001	1			
Vernier Caliper digital 	display shows mm or inch					
	150 mm	31.400.003	1			
Steel Measuring Tape 	steel					
	50 m	40.200.050	1			

Try Square



Aluminium

300 mm

40.280.030

1

Odometer



Measuring wheel for use on straight lines and curves.

- This mechanical metering wheel delivers accurate measured values at all ranges up to 9.999,9 m.
- Large, easy to read display with additional fine scale (1 - 9 cm) for precise measurement.
- Addition when wheels are turning forwards, Subtraction when wheels are turning backwards.
- The moving pointer shows the exact start and end positions.
- Folding design and softbag for easy transport.
- Well positioned brake and zero setting directly on handle.
- Non-wearing cardanic scale drive.
- Metering wheel with 1-metre circumference.

ACCURACY ± 0,1%
 RANGE 0 – 9.999,9 m
 WEIGHT 1,8 kg
 DIMENSIONS (W x H x D)
 318 x 1000 x 140 mm
 318 x 510 x 140 mm (folded)

including softbag

85.200.100

1

Laser Rangefinder



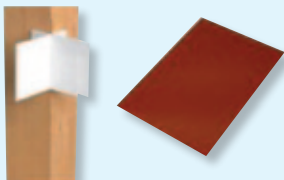
Laser Rangefinder up to 50 meters with lot of functions:

- addition,
- subtraction,
- area computation,
- volume computation,
- Pythagoras functions,
- for quick, easy and safe measurement

85.200.051

1

Target Plate



The laser fixed target makes it possible a better reflection from a long distance to the specific target. (it is recommended from 40-50 metres).

85.200.055

1

Multimeter Economy



with large LCD-Digits
 Designed to measure:
 DC voltage: 0 - 500V;
 AC voltage: 0 - 500V;
 DC current: 0 - 2A;
 Resistance: 0 - 2Mohm;
 diodes;
 transistors (hFE NPN PNP)

85.500.101	1		
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Stud Detector



Wires & Metals Detection Capability:
 Wood joists: Thickness of wall is 19.05 mm (3/4 inches)
 AC Live Wires: 50.8 mm (2 inches) deep away from the wall
 Metals: 38.1 mm (1 1/2 inches) deep away from the wall
 Power Supply: 1 x 9V battery (not included)
 Battery Life: 1 year with normal use
 Operating Temperature: 5 ~ 40 °C (41 ~ 104 °F)
 Dimensions: approx. 180 (L) x 75 (W) x 30 (D) mm (7.09' x 2.95' x 1.18' inch)
 Weight: approx. 170g (battery excluded) One Set Included
 1 x 3 in 1 Stud Scanner, 1 x Instruction Manual, Standard Factory Package

85.800.101	1		
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Testing and Measuring

Wall Scanner Multifunction



This stud detector is featured with Large and clear 2" LCD display and uses electronic signals to locate the exact position of studs, ceiling joist AC wires and metal through drywall, concrete and other common wall materials. It calibrates automatically after starting up with sensitive induction.

Once the edge of a stud has been detected, it emits audio and visual signals (LCD Display) that allow you to easily identify and mark the center position with Pencil. This tool still detects live wire and output visual alarm (live wires caution symbol display in the screen) even when it is in stud detection mode or in metal detection mode.

Applications

Wires and pipelines distribution on upholstery, installation of electrical equipments (air conditioner and oil smoke extractor)
 Frame of wood furniture detection; Hang mirror, picture, cabinet, and shelves securely
 Install grab bar, ceiling fan, and chandelier; Find metallic pipes in concrete; Find electrical box, exhaust vent, conduit, rebar, and ducting; Trace hot wires behind ceiling, floor and wall;
 In construction and interior decoration; Detection of structures for installation of wooden furniture;
 Installation of doors and windows; Inspection and evaluation of Properties; Property Maintenance

Features

Large 2 inch (50.8 mm) LCD Display with Backlight screen
 3 in 1 Detector to Detects Wood Stud, Joists, AC Live Wires and Metals
 Wood joist scan detecting depth: 3/4 inches thick
 AC live wire scan detecting depth: 2 inches deep
 Metal scan detecting depth: 1 1/2 inches deep
 Metal scan mode locates metal pipes or rebar
 Automatic calibration when power on
 Easily find the edges and center
 Audible indication (beep) when target is detected

Specifications

LCD Display: 2 inch with LCD Backlight
 Object of Detection: Wood joists, AC Live Wires & Metals
 Detection Capability:
 Wood joists: Thickness of wall is 19.05 mm (3/4 inches)
 AC Live Wires: 50.8 mm (2 inches) deep away from the wall
 Metals: 38.1 mm (1 1/2 inches) deep away from the wall
 Power Supply: 1 x 9V battery (not included)
 Battery Life: 1 year with normal use
 Operating Temperature: 5 ~ 40 °C (41 ~ 104 °F)
 Dimensions: approx. 180 (L) x 75 (W) x 30 (D) mm (7.09' x 2.95' x 1.18' inch)
 Weight: approx. 170g (battery excluded)

One Set includes

1 x 3 in 1 Stud Scanner
 1 x Instruction Manual
 Standard Factory Package

85.800.003	1		
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Pen Multimeter (Professional)



This multimeter comes with alligators clips and an extension for measurement points, allowing the multimeter to be used in places that are normally difficult to access. The ability to use it in one hand and the data hold function make this an easy multimeter to operate. All measurement ranges, such as voltage (AC/DC), resistance, diode test, continuity test can be operated by a single finger pressing a button which activates the controls within. Such properties are important to technicians working in the sector for installations and machinery

- Easy, one hand operation
- High contrast LCD ensures that measurement values can be read easily in conditions of poor light
- Automatic range selection
- Data hold function
- Auto shut-off
- Designed with safety in mind
- Diode test
- Tests continuity
- Comes with extensions for measurement points, alligator clips, batteries, replacement fuse and user manual

Technical specifications

		Measurement range	Resolution Accuracy
Voltage	400,0 mV	0,1 mV	± (0,8 % + 2 dgt)
4,000 V	1 mV	±(1,0 % + 2 dgt)	
40,00 V	10 mV	±(1,0 % + 2 dgt)	
400,0 V	100 mV	±(1,0 % + 2 dgt)	
600 V	1 V	±(1,2 % + 2 dgt)	
Maximum input value	1000 V		
Input resistance	10 M Ω		
Voltage AC (40 Hz to 400 Hz)	1 mV	±(1,2 % + 3 dgt)	
40,00 V	10 mV	±(1,2 % + 3 dgt)	
400,0 V	100 mV	±(1,2 % + 3 dgt)	
600 V	1 V	±(1,5 % + 3 dgt)	
Maximum input value	1000 V		
Input resistance 10 M Ω			
DC current	40,00 mA	0,01 mA	±(1,5 % + 2 dgt)
400,00 mA	0,1 mA	±(1,5 % + 2 dgt)	
Maximum input value	400 mA		
AC current	40,00 mA	0,01 mA	±(1,8 % + 3 dgt)
400,0 mA	0,1 mA	±(2,0 % + 3 dgt)	
Maximum input value of	400 mA		
Resistance 400,0 Ω	0,1 Ω	±(3 %)	
4,000 K Ω	1 Ω	±(3 %)	
40,00 K Ω	10 Ω	±(3 %)	
400,0 K Ω	100 Ω	±(3 %)	
4,000 M Ω	1 KΩ	±(3 %)	
40,00 M Ω	10 KΩ	±(3 %)	
Transit test	coustic signal to <35 Ω		
Diode test	test voltage 3,4 V		
Dimensions	230 x 35 x 20 mm		
Weight	200 g		
Display	3-3/4 LCD-Anzeige		
Range selection	automatic		
Power	2 x LR44 batteries		
Low battery indicator when batteries are low			
Auto shut-off	after 10 min. without activity		
Standard	IEC 61010 ; CAT III / 600V; CE certified		

Delivery content:

- 1 x cable detector composed by a carrying case and a signal generator
- 1 x receiver
- 2 x batteries
- 2 testing cables
- 2 x alligator clips
- 2 x clips and user manual.

85.500.001	1		
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Cable Detector


can detect voltage lines up to 400 V in circuits and free-voltage lines. The cable detector can locate cables, lines, circuits, short circuits, ground as well as test protective tubing and coaxial cables.

To perform these functions, it is not necessary to disconnect the power source or to disconnect the power to the cable being tested. The location can be carried out in ground, concrete walls and brick walls by the cable detector.

Cable detection system is composed of a signal generator for active lines and a transmitter for cables without current such as a receiver. The signal generator feeds high frequency electro-magnetic signals through the lines being tested. These signals are converted at the end of the cable, into acoustic or optical signals by the receiver. The intensity of the signal is the standard used for locating the line. In the signal generator both the signal power and the searching channel can be regulated. The cable detector can simultaneously work with diverse transmitters without any interference between them.

- Lines can be detected in floors, ceilings and walls.
- Detection of interruptions in cables, switches and fuse
- Detection of short circuits
- Detection of ground connection in triple phase mains power
- Follow protective tubing in water and heating
- Lines distribution

Functions of the components
Technical specifications

Operating temperature/humidity	0 ... 40 °C / max. 80 % r.F.
Storing temperature/humidity	-20 ... +60 °C / max. 80 % r.F.
Receiver	
Auto shut-off	approx. to 5 min.
Absorbed power	max. 40 mA
Display	LCD Display bar graph
Battery	9 V battery
Dimensions	192 x 61 x 37 mm
Weight	approx. 180 g
Signal generator	
Maximum voltage	400 V AC (0 - 60 Hz)
400 V DC	
Transmitting frequency	125 kHz
Display	LCD-Display
Auto shut-off	nach ca. 1 Stunde
Absorbed power	max. 18 mA
Battery	9 V Blockbatterie
Fuses	Flink, 0,5 A / 500 V, 6,3 x 32 mm
Overvoltage category	CAT III, 300 V
Dimensions	130 x 69 x 32 mm
Weight	130 g

Delivery content:

- 1 x cable detector composed by a carrying case and a signal generator,
- 1 x receiver,
- 2 x batteries,
- 2 testing cables,
- 2 x alligator clips,
- 2 x clips and user manual.

85.500.010

1

Voltage Tester Testboy 40 Plus



combines two practical functions in a single device. It reliably displays AC and DC voltages in the range 6 to 400 V. In addition, the electronics facilitate determining the phase against the protective earth conductor. A distinguishing characteristic of the Testboy 40 Plus is its user friendly design. The robust housing guarantees long-term reliability and has gained the approval of many customers working in the demanding electrical and tool making sectors.

The combination of materials used for the high-quality housing and the rubber grip underline the professional appearance of this instrument. Absolute safety in performance - AC and DC voltage tests with polarity indication.
Benefits: 5 year manufacturer's warranty
IEC/EN 61243-3 (DIN VDE 0682-401)

85.500.040	1		
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Voltage Tester Testboy LCD Plus



combines the following 12 functions in a single device:
Displays AC and DC voltages from 6 to 1000 V Single-pole phase testing
Two-pole phase sequence testing Continuity testing up to 150 ohms (acoustic)
Resistance testing up to 2000 ohms
Diode testing Data Hold function Illuminated display
Two-button fault current/RCD test LED torch (white)
Removable 4mm test tips adapter Auto power
Off The automatic power off function extends the life of the batteries.
The LC display is a particularly professional feature of this instrument that makes it easy for the service or installation technician to display the phase and phase sequence.
An acoustic signal is emitted to signalise a hazardous voltage when a 35V AC/DC voltage or above is detected.
Pushbutton load connection prevents unwanted tripping of the RCD, and ensures measurements of the protective earth conductor can also be undertaken.
Even when used daily the robust construction as well as the dust and waterproof housing guarantee a long service life.
The test tips are protected by a removable cap that in turn is attached to the device.
Benefits: 5 year manufacturer's warranty IEC/EN 61243-3 (DIN VDE 0682-401)

85.500.100	1		
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Floor Surface Laser



The floor surface laser for a comfortable, safe and reliable check for possible rises or depressions in all areas. If you don't want to scour the floor on hands and knees or if you have almost resigned using conventional tools for levelling out a floor, you should definitely take a closer look at the GSL 2 Professional! Not only that you can easily operate the device via remote control, it also does the job both reliably and pretty much autonomously! The GSL 2 conducts a thorough and comprehensive examination of the whole area. The floor surface laser is equipped with a 360 degree inclinable laser head, so you only have to position it once for every measurement. It is self-levelling within 5 seconds up to an inclination of 4°. Through the flexibly adjustable height, the laser optics of the GSL 2 can be adjusted to practically every floor situation. Because it can be operated on regular or rechargeable batteries, it is always ready to use. The GSL 2 floor surface laser is the first of its kind. Make use of the convincing advantages this revolutionary technology offers you!

Technical data

- Operating range (with/without target plate): 20 m/10m
- Levelling accuracy: ± 0,3 mm/m
- Self-levelling range: ± 4°
- Laser class / laser diode: 3 R/5 mW
- Height adjustability: 3 cm
- Operating time: 15 Std.
- Rechargeable batteries / batteries: 10,8 V Li-Ion / 4 x AA 1,5V
- Dust and splash proof: IP 54
- Operating temperature: -10°C...+50°C
- Weight with batteries (net/gross): 1,8 kg / 2 kg

Scope of delivery:

Measuring device, RC 2 remote control, target plate, 10,8 V lithium ion rechargeable battery, battery charger, 3 x 1,5-V-LR6 batteries (for RC 2), laser glasses, L-Box (size 3) transport case, L-Box-inlay, brief guide

85.800.100 1,00

Thermo Hygrometer



DThermo hygrometer measures air temperature (°C, °F) and relative humidity and indicates both values simultaneously on the easily legible display. Continuous real-time display of temperature and relative humidity. The thermo hygrometer is a professional handheld measuring device designed especially for monitoring the indoor climate in rooms, living areas, offices, production facilities, storerooms and warehouses. It has two temperature scales - one for Celsius and one for Fahrenheit. In addition to this long list of extremely useful features the Thermo hygrometer is equipped with a variety of exceptionally valuable functions. It can measure minimum, maximum and mean values and there's even a hold function to make direct evaluations. The thermo hygrometer is a true hand-held in every sense of the word. Its compact form and low weight are a result of extensive tests and trials carried out with only one aim in mind: to design an ergonomic measuring device that is so efficient and accurate that it can live up to the demands of different professionals while still being easy enough for an enthusiast to use. This then is why our team of engineers, technicians and designers came up with a thumbwheel which you only have to turn to select a new function.

Technical Data:

- Air temperature measuring range: -20 °C ... +50 °C
- Relative humidity measuring range : 5...95 % r.H.
- Air temperature resolution: 0.1 °C
- Relative humidity resolution 0.1 % r.H.

85.100.310

1

Thermo Hygrometer



Psychrometer with external temperature sensor, memory, RS-232 Psychrometer (Dew point) with data storage and type-K temperature probes This psychrometer can measure different environmental conditions, in addition to also being able to simultaneous display the surface temperature of walls and products with its external temperature sensor. It can also calculate dew point and wet bulb. It also has a memory to stores up to 99 measurements.

Real time clock and date Memory stores up to 99 readings
Measures relative humidity and temperature with an internal sensor and surface temperature of walls or food with its external sensor
Determines dew point and wet bulb ISO Certificate (optional)
Technical specifications Measurement range
Temperature (internal) -20 to 50 °C Relative humidity 0 to 100 % r.H.
Temperature -21.6 to 50 °C Dew point temperature -78.7 to 50 °C
Temperature (external) -20 to 70 °C (depending on sensor)

Resolution: Temperature 0.1 °C Relative humidity 0.1 %
 Accuracy: Temperature ±0.6 °C Relative humidity ±3 %
 Response time approx. 60 s Humidity sensor endurance sensor Memory stores up to 99 readings External temperature- cable of 1.1 m, adjustable sensor with a type K beat wire temperature /dimensions with handle: 15 cm
 Power supply 4 AA batteries (1.5 V)
 Operating temperature -20 to 50 °C / 0 to 100 % r.H.
 Dimensions 44 x 57 x 230 mm Weight 200 g

85.100.320	1		
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Schmidt Hammer



The handheld mechanical hardness meter for testing concrete hardness meter for concrete is easy to use and is fundamentally used in the construction industry as well as other industrial sectors (testing for Wickel hardness of rolls in commodities). This hardness meter in the form of a hammer device for testing concrete is based on the Schmidt principal of measurement.

Testing is always done under the same test energy of 2207 J.

The kinetic energy of the rebound is given by the device as the measurement of the hardness of concrete, of the pressure upon the surface or as the resistance to pressure (kg/cm² or its conversion to N/mm²). The quality of concrete is useful in understanding the material's resistance to pressure, as an orientating value for testing the load capacity and durability of concrete constructions.

Resistance to pressure is represented as a series of numbers and letters, for example: B 25 indicates that the material is normal concrete with a resistance to a pressure equal to 25 N/mm².

Different readings exist up to the highest class of resistance which is indicated as B 55. With our hardness meter you will be able to easily and accurately classify concrete. The hardness meter comes calibrated from the manufacturer but an ISO calibration certificate can be ordered separately at extra cost

85.300.225

1

Non Destructive Ultrasonic Thickness Gage



coating thickness gage for non-metallic substrates as plastic, wood, concrete, glass, etc. according to ISO 2808 and ASTM D 6132 Measuring range 50 - 3.800 µm it measures the total thickness or up to 3 individual layer thicknesses in a multi-layer system (if physical-technical possible), also feature graphic readout for detailed analysis of the coating system, the gage has a robust casing and a large, easy-to-read display, internal memory stores up to 10,000 readings in up to 1,000 batches with date and time of day, a USB- and IR port are supplied as standard of each gage

85.280.210

1

Measuring Method with permittivity/high frequency waves
Humidity Tester for Building Materials

Measuring Method with permittivity/ high frequency waves

This humidity tester for building materials use a measurement procedure works according to both the permittivity- or the high frequency principle. To get accurate results with the humidity tester for building materials, you will only need to select the concrete type is going to be tested and put the electrodes on the concrete surface. Electromagnetic waves penetrate to a 50 mm depth, so the measurement results will be the mean value calculated within the 50 mm of surface.

- Measuring depth of 50 mm approx.
- Results are showered in few seconds.
- Any preparation is required.
- 3 positions LCD display.
- Direct and safe use in situ.
- Battery indicator.

Technical specifications

Measurement range 1 to 8 % of absolute moisture
 Accuracy $\pm 0.7\%$
 Resolution 0.1 %
 Measurement depth approx. 50 mm
 Display 3.5 digit LCD Power 9 V battery pack
 Dimensions 165 x 80 x 30 mm
 Weight 500 g
 Contents Moisture meter, battery back, carrying case and users manual

85.100.300

1,00

Humidity Tester for Concrete and Screed


Digital hand-held measurement unit from the MultiMeasure Professional series for rapid, non-destructive humidity readings in areas within a distance of 4 cm from surfaces. Continuous real-time display of humidity values, together with many functions. Apart from a maximum and a minimum function to help you carry out direct analyses it is also equipped with an additional hold function to freeze the value on the display - a feature you will not want to miss on a meter of this calibre. The display is well-structured and easy to read. There are two sets of readings - one above the other - so that you can select a second value whenever you wish to display it along with your real-time value. Another added advantage: an acoustic alarm Set your own individual thresholds for the acoustic alarm by entering a value which when exceeded will trigger the acoustic alarm. Cover whole walls and areas in a fraction of the time it would normally take and focus on your task and not the display: your trusted tool will automatically warn you as soon as the measured value falls short of the threshold you have set. Isn't it great to have something you can really rely on?

Here a quick run-down on the technical data:

Material moisture measurements: subsurface
 Measuring principle: dielectric
 Measuring range: 0 to 200 digits
 Resolution: 0.1 digits
 Accuracy: 0.1 digits
 Penetration depth: 40 mm
 Warning signal: acoustic
 Upper menu options: MAX, MIN, HOLD
 Lower menu options: ALARM

85.100.220

1,00

Humidity Tester for Concrete and Screed



measurement depth up to 6 cm, the humidity will digital shown as weight%
Following Materials are pre-programmed Standard cement screed Anhydrite Screed Anhydrite Flowing Screed Plaster Lime-cement plaster Concrete C-25/30

Use: find smooth surface with no water on top, switch tester on, choose the type of screed and press the sensor clamp onto the surface.

Area of operation: up to 25% humidity shown in weight%, reinforcement and heating tubes have no influence to the measurement

Tester size: 149x80x35 mm, 275g, incl. case, need 9V monoblock battery (not included)

85.100.214	1		
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CM measuring set



The CM measuring set can provide you and your builders with just the right equipment and exactly the information you need to determine when the residual moisture content of your sub-floors has reached the right level and the time is right for your tiles or the screed to be laid.

The CM-Basic Set includes:

1. A robust spring scale with extra-long, easy-to-read scale High precision - max. discrepancy <= 0.3% 20g calibrating weight for extra accuracy
2. Two specially-designed scales dishes that allow you to transfer your building material sample to the bottle with least possible spillage
3. Tools to take the samples
4. 4 metal balls
5. 20 carbide vials
6. 3 test vials with 1g of water (to ensure that the bottle/manometer are properly sealed)
7. 3 replacement seals for the manometer and the pressure cylinder, spoon and cleaning brush
8. Easy to read operating instructions, plus quick-start guide
9. Sturdy metal carry case guarantees that everything is where you need it - when you need it

85.100.250	1,00		
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Accessories CM-Tester



100 calcium carbide vials for CM measurement unit

85.100.251	1		
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CM Stainless Steel Balls, grade 4

85.100.254	1		
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Test medium for CM manometer, 10 ampoules

85.100.252	1		
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Moisture Measure Balance

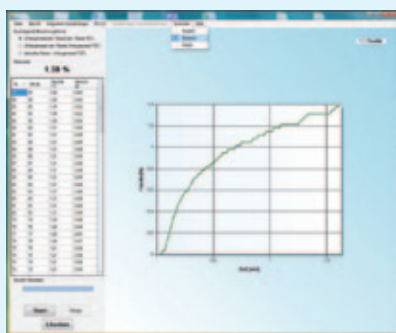


The Balance has been specially designed for the use in industry or in the laboratory. This balance provides a quick and accurate method to measure moisture content and dry weight analysis of a wide range of products and materials. The users manure will provide you with advice and numerous practical examples. The two quartz halogen lamps (200W each) provide constant, even drying of the sample at a temperature pre-selected by the operator. Only a small sample needs to be placed on the balance, then close the cover, press the button and read the result (content of humidity; dry content). This instrument is the perfect tool in determining moisture and dry content weight accurately. You will be able to determine the humidity of materials of a range of materials, such as plastic, wood pellets, pharmaceutical substances, tobacco, tea, cereals, etc. Checking moisture and dry content can be done three different ways: Automatic: drying material until it has a constant weight Semi-automatic: drying stop when loss per unit of time goes below theoretical value Manual: adjusting the timer between 2 minutes and 9 hours and 59 minutes.

For more information pleas ask for technical data sheet

85.100.100	1		
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Software Kit



85.100.110	1		
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Fiberglass round filters

price per 100 pcs



85.100.130	1		
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Sample Pans

Pack of 50 aluminium sample pans



85.100.140	1		
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Pull Off Tester manual



the portable, hand-operated PosiTest Pull-Off Adhesion Tester measures the force required to pull a specified test diameter of coating away from its substrate using hydraulic pressure. The pressure is displayed on a digital LCD and represents the coating's strength of adhesion to the substrate. In accordance with ASTM D4541, D7234, ISO 4624 and others, the PosiTest evaluates the adhesion (pull-off strength) of a coating by determining the greatest tensile pull-off force that it can bear before detaching. Breaking points, demonstrated by fractured surfaces, occur along the weakest plane within the system consisting of the dolly, adhesive, coating layers and substrate.

Technical Data

Measuring range	0 ... 20 MPa (0 ... 3000 psi)
Resolution	0,01 MPa (1 psi)
Accuracy	±1 % (full measuring range)
Measuring area	The delivery content contains aluminium measuring probes of 20 mm. Probes of a 50 mm diameter can be ordered optionally
Devices	The adhesion tester is suitable for nearly all devices. Evenness is required.
Data memory	Internal memory for more than 200 measurements (besides the measured results diameter of probes, measurement time and drag force will be measured as well.
Interface	RS-232
Software + cable	yes, additional equipment
Equipment	LCD
Environmental conditions	0 ... +50 °C / 0 ... 80 % r.F.
Supply	2 x AAA batteries
Dimensions	40 x 20 x 15 cm
Weight	5,5 kg
Standard	ASTM D4541, ISO 4624

Delivery Content

- 1 x Adhesion Tester
- 20 x aluminium measuring probes Ø20 mm
- 1 x abrasion pad
- 1 x tube of adhesion mass
- 1 x cleaning pads

85.400.000

1

Pull Off Tester automatic


the portable, hand-operated PosiTest Pull-Off Adhesion Tester measures the force required to pull a specified test diameter of coating away from its substrate using hydraulic pressure. The pressure is displayed on a digital LCD and represents the coating's strength of adhesion to the substrate. In accordance with ASTM D4541, D7234, ISO 4624 and others, the PosiTest evaluates the adhesion (pull-off strength) of a coating by determining the greatest tensile pull-off force that it can bear before detaching. Breaking points, demonstrated by fractured surfaces, occur along the weakest plane within the system consisting of the dolly, adhesive, coating layers and substrate.

Technical Specification

Measuring range	0 ... 20 MPa (0 ... 3000 psi)
Resolution	0,01 MPa (1 psi)
Accuracy	±1 % (full measuring range)
Measuring area	The delivery content contains aluminium measuring probes of 20 mm. Probes of a 50 mm diameter can be ordered optionally
Devices	The adhesion tester is suitable for nearly all devices. Evenness is required.
Data memory	Internal memory for more than 200 measurements (besides the measured results diameter of probes, measurement time and drag force will be measured as well.
Interface	RS-232
Software + cable	yes, additional equipment
Display	LCD
Environmental conditions	0 ... +50 °C / 0 ... 80 % r.F.
Supply	2 x AAA batteries
Dimensions	40 x 20 x 15 cm
Weight	5,5 kg
Standard	ASTM D4541, ISO 4624

Delivery Content

1 x Adhesion Tester
 20 x aluminium measuring probes Ø20 mm
 1 x abrasion pad
 1 x tube of adhesion mass
 1 x cleaning pads.

85.400.100

1

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Accessories Pull Off Tester









Adapter RS 232 to USB connecting PC	85.400.170	1		
Measure head Ø 20mm, 10 pieces	85.400.220	1		
Measure head Ø 50mm, 4 pieces	85.400.250	1		
Set Screed for heavy coatings	85.400.260	1		
Set for 50mm	85.400.270	1		
Special glue 2 comp. Glue for measure heads	85.400.280	1		
Software for pull off tester. For reading, writing data from pull off tester.	85.400.160	1		

7

Injection



Adhesive Packer	7 - 1	Mounting Tool	7 - 3
Adhesive Packer with pressure hose	7 - 2	Pan Head Nipple	7 - 3
Batter Tool	7 - 3	Polymer Packer	7 - 2
Grease Gun	7 - 4	Reciprocating pump	7 - 4
Grip Coupling	7 - 3	Round Head Nipple	7 - 3
Hose Metal	7 - 4	Screed Packer	7 - 3
Hose Packer	7 - 1	Slide Coupling.	7 - 3
Hose Reinforced	7 - 4	Steel Packer	7 - 1

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair	
Injector Steel	galvanized steel HK: high pressure round nipple (Standard) HF: high pressure pan nipple NK: low pressure round nipple NF: low pressure round nipple		Ø8 x 85 mm	00.008.085HK	100	500	1000
				00.008.085HF	100	500	1000
		Ø10 x 85 mm	00.010.085HK	100	500	1000	
			00.010.085NK	100	500	1000	
			00.010.085HF	100	500	1000	
			00.010.085NF	100	500	1000	
		Ø10 x 110 mm	00.010.110HK	100	500	1000	
			00.010.110NK	100	500	1000	
			00.010.110HF	100	500	1000	
			00.010.110NF	100	500	1000	
		Ø13 x 85 mm	00.013.085HK	100	500	1000	
			00.013.085NK	100	500	1000	
		Ø13 x 110 mm	00.013.110HK	100	500	1000	
			00.013.110NK	100	500	1000	
			00.013.110HF	100	500	1000	
00.013.110NF			100	500	1000		
1-day steel packer	special retaining spring, 38mm remain in construction		Ø13 x 120 mm	00.013.115HK	100	500	1000
				00.013.115HF	100	500	1000
Hose Packer	from galvanised steel, with internal Thread M6, HP round head nipple M6, for injection hoses with inside Ø 3.5 - 6mm			00.040.008	100	500	2
Adhesive Packer	safety groove, adhered Ø 50mm, Height 26 mm		HP round head nipple M6	00.045.039HK	100	500	1000
			LP round head nipple M6	00.045.039NK	100	500	1000
			HP pan head nipple M6	00.045.039HF	100	500	1000
			LP pan head nipple M6	00.045.039NF	100	500	1000
			with pressure hose and HP round head nipple M6	00.045.049HK	10	100	1000

Sticking Template



Tool to hold adhesive packer to apply the adhesive (insulating material, e.g. EP adhesive or PUR adhesive) The exactly required amount of adhesive (approx. 6g) is applied on the adhered. Access to the crack is maintained

00.046.010

1

**Adhesive Packer with pressure hose
66 x 41x 3 mm**



for permanent injections with pressure hose

LP round head nipple

00.145.066

1

10

100

Polymer packer Economy



**with LP round head nipple,
8 lamella**

Ø12 x 65 mm

00.112.064

100

500

1000

Polymer packer Standard



**with LP round head nipple,
12 lamella**

Ø12 x 65 mm

00.112.165

100

500

1000

Polymer packer Premium



**with LP round head nipple,
11 lamella**

Ø12 x 65 mm

00.112.065

100

500

1000

Polymer packer Economy



**with LP round head nipple,
4 lamella**

Ø18 x 80 mm

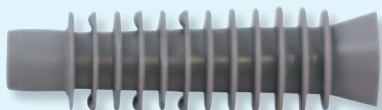
00.118.084

100

500

1000

Polymer packer Standard



**with LP round head nipple,
12 lamella**

Ø18 x 80 mm

00.118.180

100

500

1000

Polymer packer Premium



**with LP round head nipple,
5 lamella**




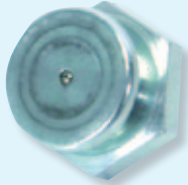
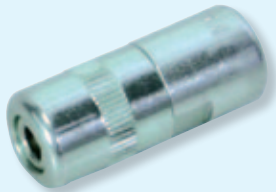
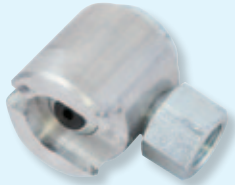
Ø18 x 80 mm

00.118.080

100

500

1000

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Mounting Tool 	for polymer packer					
	for article 00.112.065	00.180.001	1			
	for article 00.118.080	00.180.002	1			
	for all Economy and Standard polymer packer	00.180.005	1			
Screed screw packer 	for injections up to 100 bar with LP round head nipple, due to the short clamping rubber the packer can be clamped right in the screed so the injection material can discharge between the screed and substrate					
	Ø10 x 70 mm	00.150.107	100	500	1000	
	Ø13 x 70 mm	00.150.307	100	500	1000	
Round head nipple 	High pressure nipple (Opening pressure 15-20 bar) M6	00.300.101	100	500	1000	
	Low pressure nipple (Opening pressure 1,5-3 bar) M6	00.300.102	100	500	1000	
	Low pressure nipple (Opening pressure 1,5-3 bar) M8	00.308.101	100	500	1000	
	High pressure nipple (Opening pressure 15-20 bar) M8	00.308.102	100	500	1000	
Pan head nipple 	Ø16 mm Kopf					
	High pressure nipple (Opening pressure 15-20 bar) M6	00.300.201	100	500	1000	
	Low pressure nipple (Opening pressure 2-3 bar) M6	00.300.202	100	500	1000	
	Low pressure nipple (Opening pressure 1,5-3 bar) M8	00.308.201	100	500	1000	
	High pressure nipple (Opening pressure 15-20 bar) M8	00.308.202	100	500	1000	
Slide Coupling 	for round head nipple	00.400.101	1	5	10	
Slide Coupling 	for Ø16mm head					
	lateral	00.400.210	1	10	50	
	straight	00.400.201	1	10	50	
	Replacement Set for Slide Coupling Nr.: 00.400.211 Contains: Gasket, Spring and Metal Ring	00.400.221	1	5	10	

Hose



**external thread M10x1
on both ends**

Ø8 x 300 mm	00.400.501	1	5	10
Ø8 x 500 mm	00.400.502	1	5	10
Ø8 x 1000 mm	00.400.510	1	5	10
Ø8 x 2200 mm	00.400.522	1	5	10
Ø8 x 5300 mm	00.400.535	1	5	10

Nozzle tubes



M10x1 thread, without mouth piece, 140 mm

bent	00.410.140	1		
straight	00.411.140	1		

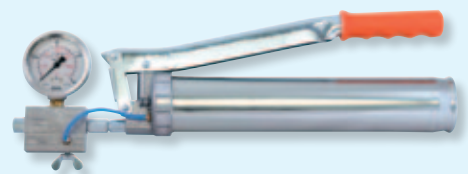
Grease Gun without pressure gauge



**with extra long zinc-plated steel barrel for 1,000 ccm bulk grease
operating pressure 400 bar / 5,800 PSI barrel version
made of zinc-plated steel
Ø 56 mm connection thread M 10 x 1**

550 ccm	00.912.602	1	5	10
1100 ccm	00.912.601	1	5	10

Grease Gun with pressure gauge



**grease gun for the exact control of the operating pressure in order to protect pressure-sensitive components, bearings and gaskets operating pressure 400 bar / 5,800 PSI barrel version made of zinc-plated steel
Ø 56 mm connection thread M 10 x 1**

550 ccm	00.915.500	1		
1100 ccm	00.915.110	1		

Reciprocating Pump



**Pressure control with return and pressure gauge unit with manometer 0 - 250 bar,
3 m HP material hose Ø 6 mm, HP ball valve with mouth piece,
2 litre material container**

00.930.002	1			
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Billing Address

Company: _____

City: _____

Street: _____

Phone: _____

Name: _____

Date: _____

Delivery Address

Company: _____

City: _____

Street: _____

Phone: _____

Name: _____

Date: _____

POS	Item No.	Item	Unit	Price
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2				
3				
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Billing Address

Delivery Address

Company: _____

Company: _____

City: _____

City: _____

Street: _____

Street: _____

Phone: _____

Phone: _____

Name: _____

Name: _____

Date: _____

Date: _____

POS	Item No.	Item	Unit	Price
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ORDER

Fax +49 6222 75483

Billing Address

Delivery Address

Company: _____

Company: _____

City: _____

City: _____

Street: _____

Street: _____

Phone: _____

Phone: _____

Name: _____

Name: _____

Date: _____

Date: _____

POS	Item No.	Item	Unit	Price
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Terms of Sale and Delivery

I. Conclusion and subject of the contract

For our deliveries and other legal transactions, the terms and detailed below shall apply exclusively. Any other verbal and telegraphic arrangements, amendments, promises and collateral agreements shall be invalid unless by us in writing.

Purchase and payment terms stipulated by the Buyer shall not be accepted by us. The Buyer shall accept our Terms of Sale and Delivery even if they deviate from his usual purchase and payment terms.

Any objections raised to order confirmations must be submitted in writing without delay, at the latest within one week.

The legal inefficacy of individual provisions shall not render the entire contract invalid.

II. Offers

All offers made shall be without engagement unless expressly stated to the contrary, in which case they shall be binding for one month only calculated from the date of the offer, unless another period is specifically indicated.

Obvious errors, spelling mistakes and miscalculations shall be without commitment on our part. All particulars, such as dimensions, weights, illustrations, descriptions, assembly drawings and illustrations in sample catalogues, price lists and other reference materials shall be approximate only but determined as closely as possible, and shall not be binding on our part.

III. Prices

All prices are quoted ex works excluding Value Added Tax. Confirmed prices shall apply only if the confirmed quantities are bought. In the event of price increases occurring between the date of the order confirmation and the supply of the goods, we shall be entitled to adjust the prices accordingly.

IV. Delivery

Delivery shall be for account and risk of the Buyer, even if carriage-free delivery has been agreed. If free delivery has been agreed, the risk shall pass to the Buyer as soon as the vehicle arrives at ground level at the forwarding address, or at the point nearest to this address that can be reasonably reached by the vehicle. Selection of the transport route and means of the transport shall rest with us. Partial deliveries shall be admissible and shall be considered as independent deliveries. If the Buyer does not accept the goods in time, or if he fails to observe the call dates, we shall be entitled to effect the deliveries due, either in full or in part, or to put the goods into storage and invoice as delivered, to rescind, either in full or in part, or finally to demand compensation on the grounds of nonfulfillment. Disruptions caused by fire, strikes, lockouts, shut-downs, official measures, lacking supplies and force majeure which may prevent or impair the deliveries, shall entitle us, at our option, to rescind, either in full or in part or to postpone the deliveries accordingly without being liable for damages. Non-observance of delivery times does not release the Buyer from his obligation to accept the goods. For any damages due to a delay in at cost price. Returning packaging material shall be accepted and refunded only if specifically agreed upon. Insurance covering damage in transit, loss in transit and breakage shall only be taken out if expressly requested by the Buyer and shall be charged to him.

V. Warranty

Any claims on the scope, amount, weight, dimensions, and kind of the goods must be made immediately but no later than three days after arrival of and prior to use of the goods. Claims concerning partial deliveries shall not entitle the Buyer to refuse acceptance of the entire delivery.

Notifications of defects must be made in detail and in writing and must be received by us within seven days of arrival of the goods. Claims in respect of hidden defects must be made immediately on discovery of the defect, at the latest, however, within two months after receipt of goods. If defective goods have been delivered, we shall be entitled, at our option, to reduce the price, make good the defect or supply faultless replacement. We shall be entitled to supply replacement even if this cannot be effected immediately. Any replacement shall be supplied at the earliest possible date. Any further claims by the Buyer on whatever legal grounds, especially with regard to redhibition and indemnification, shall be excluded.

We shall be under no obligations to acquire replacements from other sources.

No warranty whatsoever shall apply of the processing or use of the goods has already been commenced, or if the Buyer himself or any third party has carried out, or tried to carry out, repairs of our goods. The same shall apply to any goods which have been sold by the Buyer either before or after claims have been made. In the case of manufacturing defects our warranty shall be limited to the warranty given by our suppliers.

By negotiating a claim we shall not be considered as waiving our objections to the existence of a defect, to the obligations for the supply of replacement, or to the time limit and sufficiency of the claim.

VI. Return of goods

Goods delivered by us shall only be taken if agreement to this effect has been made and shall be returned in immaculate condition, carriage paid. Credits for returned goods shall be subject to a 10% deduction for costs incurred. Returns to specially made goods, or goods procured at the specific request of the customer, shall be excluded. For returned goods with a net value less than EUR 50.-, no credit-notes will be made.

VII. Payment

Unless agreed otherwise, our deliveries shall be paid for at once, at the latest 30 days after date of the invoice. All payments shall be made free of charge for us. Payments effected within 10 days of receipt of invoice shall be subject to a discount of 2 per cent, provided, however, all financial commitments have been met in full, including those for earlier deliveries. The discount shall be calculated based on the net invoice amount, after deduction of rebates, freight charges etc. Once payment of an invoice has become due i.e. at the latest 30 days from the invoice date, interest will be charged at a rate of 3 per cent above the base rate of the European Centralbank, not excluding the right to make further claims for default. The day of receipt of any payment shall be the day on which our account has been credited with the respective amount. Bills of exchange and cheques shall only be accepted subject to being honoured. Acceptance of bills of exchange shall be as security only, and shall not be considered as respite for payment. If our bankers decline to discount a bill of exchange, then payment in cash must be made immediately. Discounting and collecting charges shall be for Buyer's account. Liability for payment shall persist even if the Buyer has submitted claims, in particular in respect of defects. The warranty detailed under Paragraph V shall be given on the understanding that the Buyer has effected the payments due. The right to make setoffs and claiming a lien on goods shall be excluded.

VIII. Retention of Title

All goods supplied by us under a delivery contract shall remain our property until payment in full has been made, or until cheques or bills of exchange have been honoured. In the case of a current account the retention of title shall be considered as security for our claim of the balance. The Buyer shall be entitled to legally sell the goods supplied and the goods manufactured from these. He shall be obliged to impose our condition of retention of title on his customers. Without our written consent the Buyer shall not be entitled to assign, pledge or transfer the title as security. When selling the goods supplied by us, the Buyer shall assign at that moment all claims against his customers, including ancillary rights and securities out of sale until all payments to us have been made in full, and this assignment shall be accepted by us.

If the goods are taken back on the basis of our retention of title or any other reason, the Buyer shall be obliged to return the goods to us free of charge and shall be liable for any undervalue. We shall be entitled to collect the goods when enforcing our right or retention of title.

IX. Place of performance and place of jurisdiction

Place of performance for deliveries shall be the place of the goods. Place of performance for all obligations on the Buyer's part shall be the location of our firm. Place of jurisdiction shall be the court competent for the location of our firm. This shall also apply to claims being filed by judgement note. The law of the Federal Republic of Germany shall apply. The provisions of the Hague Convention of 1964 on purchases and purchase contracts shall be excluded.

X. Validity

If one instruction will be invalid, the validity of the other instructions won't be touched herefrom.

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