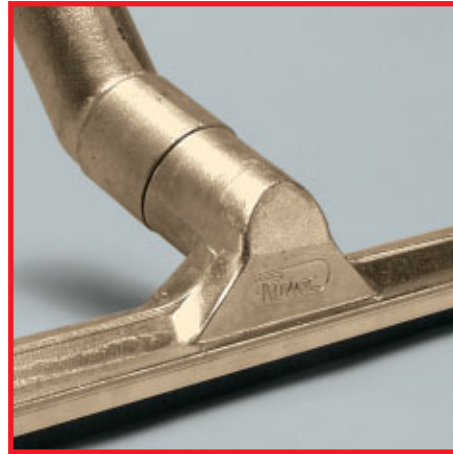


ACCESSORIES



All items in “green” are: for standard cleaning requirements.



All items in “blue” can be used in hazardous dust areas, in Zone 21 and 22. Hoses can be used in Zone 20, 21, 22.



All items in “red” can be used in hazardous gas areas, in Zone 1 and 2, free of impact and friction sparks. Hoses can be used in Zone 0, 1, 2.



Hoses as per BGR 132, July 2004:

1. A **conductive** hose is a hose with a resistance of less than $10^3 \Omega/m$.
2. A **anti-static** hose is a hose with a resistance of more than $10^3 \Omega/m$ and less than $10^6 \Omega/m$.
3. An **insulating** hose is a hose with a resistance of more than $10^6 \Omega/m$.

Ω/m is calculated by dividing the resistance measured between the hose ends by the length of the hose.

In potentially explosive areas conductive or anti-static hoses should be used, as insulating hoses are not suitable for use in potentially explosive atmospheres. DIN EN 12115 distinguishes different designs of conductive hoses, designating them as **M-hoses** or **Ω -hoses**.

- An **M-hose** has conductive wire inserts.
- The insert enables conductivity if it is connected to the flange or the hose coupling.
- In the test the resistance of M-hoses between the fittings over the whole length should not be more than 100Ω .
- With processes that produce a lot of charge, a dangerous build-up of charge cannot be ruled out.

- A **Ω -hose** is made of conductive or anti-static material.
- It can also be equipped with metal inserts.
- In the test the resistance of Ω -hoses between the fittings over the whole length should not be more than $10^6 \Omega$.

It is **preferable to use Ω -hoses** for vacuuming flammable liquids.

Accessories for cleaning requirements

35 mm connection

50 mm connection

70 mm connection

100 mm connection

	Hose, 2.5 m, rubber with metal connections, conductive, M Item no: 31123 with stainless steel connections, conductive, M Item no: 31124	Hose, 3.0 m, rubber with stainless steel connections, conductive, M Item no: 10432 with plastic connections Item no: 10556		
	Hose, 2.5 m, plastic, highly flexible with metal connections, conductive, M Item no: 10324 with stainless steel connections, conductive, M Item no: 10388	Hose, 3.0 m, plastic, highly flexible with stainless steel connections, conductive, M Item no: 10484 with plastic connections Item no: 10550	Hose, 3.0 m, plastic, highly flexible with metal connections, conductive, M Item no: 10750 with plastic connections Item no: 10681 with stainless steel connections, conductive, M , Item no: 10785	Hose, 3.0 m, plastic, highly flexible with metal connections, conductive, M Item no: 11107 with stainless steel connections, conductive, M Item no: 11139
 PUR	Hose, 2.5m highly abrasion resistant with metal connections, conductive, M Item no: 10336	Hose, 3.0m, highly abrasion resistant, with stainless steel connections, conductive, M Item no: 10497 with plastic connections Item no: 13346	Hose, 3.0m, highly abrasion resistant, with metal connections, conductive, M Item no: 10739 with plastic connections, Item no: 10687 with stainless steel connections, conductive, M , Item no: 10783	Hose, 3.0m, highly abrasion resistant, with metal connections, conductive, M Item no: 11098 with stainless steel connections, conductive, M Item no: 17388
	Hose, 2.5 m, plastic, with metal connections, anti-static, Item no: 10288 with stainless steel connections, anti-static, Item no: 21103	Hose, 3.0 m, plastic, with stainless steel connections, anti-static, Item no: 10451 with plastic connections, anti-static, Item no: 10517	Hose, 3.0 m, plastic, with metal connections, anti-static, Item no: 10726 with plastic connections anti-static, Item no: 10672	
	Hose, 3.0 m metal, with stainless steel connections, conductive, M Item no: 10462	Hose, 3.0 m metal with metal connections, conductive, M Item no: 10733 with stainless steel connections, conductive, M Item no: 24798	Hose, 3.0 m metal with metal connections, conductive, M Item no: 11116	
	Hose, 2.5 m, rubber with stainless steel connections, conductive, M Item no: 31125	Hose, 3.0 m, rubber with stainless steel connections, conductive, M Item no: 10575 with plastic connections, anti-static, Ω , Item no: 10576	Hose, 3.0 m, rubber with stainless steel connections, conductive, M Item no: 16411 with plastic connections Item no: 31128	

Accessories for cleaning requirements

35 mm connection

50 mm connection

70 mm connection

100 mm connection



Hose, 2.5m, highly abrasion resistant with stainless steel connections, conductive, **M**
Item no: 10377

Hose, 3.0m, highly abrasion resistant, with stainless steel connections, conductive, **M**
Item no: 10584
with plastic connections, anti-static, **Ω**,
Item no: 10562

Hose, 3.0m, highly abrasion resistant, with stainless steel connections, conductive, **M**
Item no: 10769
with plastic connections, anti-static, **Ω**,
Item no: 31129

Hose, 3.0m, highly abrasion resistant, with stainless steel connections, conductive, **M**
Item no: 17344



PUR

Hose, 2.5m, highly abrasion resistant, light version, with metal connections, conductive, **M**
Item no: 17604

Hose, 3.0 m, highly abrasion resistant, light version, with stainless steel connections, conductive, **M**
Item no: 17009
with plastic connections, Item no: 17328

Hose, 3.0 m, highly abrasion resistant, light version, conductive with metal connections, **M** - Item no: 17387
with plastic connections, Item no: 17547
with stainless steel connections, conductive, **M**, Item no. 17546

Hose, 3.0 m, highly abrasion resistant, light version, with metal connections, conductive, **M**
Item no: 18408
with stainless steel connections, conductive, **M**, Item no: 22318



Hose, 3.0 m metal with plastic coating, with stainless steel connections, conductive, **M**
Item no: 21412



Hand pipe, curved without button lock, stainless steel
Item no: 10373

Hand pipe, curved, 1 button lock, steel galvanised, Item no: 10445
2 button locks, steel galvanised
Item no: 10544
1 button lock, stainl. steel, Item no: 19600
2 button locks, stainl. steel, Item no: 10579

Hand pipe, curved, 1 button lock, steel galvanised, Item no: 10763
2 button locks, steel galvanised
Item no: 10764
1 button lock, stainl. steel, Item no: 22219
2 button locks, stainl. steel, Item no: 18054

Hand pipe, curved, on one side 2 button locks, Steel galvanised
Item no: 11088
stainless steel
Item no: 17893



Hand pipe, curved plastic black
1 button lock
Item no: 10559
2 button locks
Item no: 18157



Hand pipe, stainless steel, 1.0 m, 1-piece
Item no: 10596
with button lock - Item no: 10578
Aluminium - hole
Item no: 10433

Hand pipe - 1.0m, with handle, stainless steel - Item no: 10776
Steel galvanised
Item no: 10696

Hand pipe - 1.0 m, with double handle stainless steel - Item no: 12283
Steel galvanised
Item no: 11089







Accessories for cleaning requirements

35 mm connection

50 mm connection

70 mm connection

100 mm connection

	Hand pipe, 1.0 m, 2-piece, Steel chrome plated - Item no: 10279 stainless steel - Item no: 10374 Plastic - Item no: 10321			
		Hand pipe, 1.0 m, 1-piece, plastic black, with collar for extension Item no: 10524		
		Hand pipe, 1.0 m, 1-piece aluminium with collar for extension Item no: 10514		
	Dust brush, 300 mm, wooden body, straight 45°- horse hair rubber connection Item no: 10285 45°- horse hair stainless steel connection - Item no: 22182	Dust brush, 300 mm wooden body, straight, knurled screw 45°- horse hair plastic c.- Item no: 10444 45° - Perlon - plastic c. - Item no: 12250 45°-horse hair- st. st.-c. - Item no: 10570 90° horse hair plastic c. - Item no: 17108		
	Dust brush, rounded for pipe 300 mm Ø, wooden body, 90°- rubber, horse hair Item no: 10282 45°- stainless steel, horse hair Item no: 10376	Dust brush, rounded for pipe 300 mm Ø, wooden body, 90°- plastic, horse hair Item no: 10442 90°- stainless steel, horse hair Item no: 10568		
	Round brush, 100 mm Ø, wooden body, 90°- stainless steel, horse hair Item no: 17109	Round brush, 100 mm Ø, wooden body, with knurled screw, 45°- stainless steel, horse hair Item no: 10567		







Accessories for cleaning requirements

35 mm connection

50 mm connection

70 mm connection

100 mm connection

	Round brush, 100 mm Ø, wooden body, 45°- rubber connection, Horse hair - Item no: 10286 perlon trimming - Item no: 12247 90°- plastic connection, Horse hair - Item no: 12333	Round brush, 100 mm Ø, knurled screw Wooden body, plastic, connection, 45°-horse hair - Item no: 10443 45°-perlon trimming - Item no: 12246 90°-horse hair - Item no: 17104 90°-perlon trimming - Item no: 17526		
	Round brush, 100 mm Ø, wooden body, stainless steel connection 45° elbow, Horse hair trimming Item no: 10375			
	Crevice nozzle hand pipe curved Suction side 45x10 mm stainless steel Item no: 10384	Crevice nozzle hand pipe curved Suction side 70x10 mm Steel chrome plated - Item no: 10478 Steel galv. 1 Button lock - Item no: 18736 stainless steel - Item no: 10577 stainl. steel, 1 Button lock - Item no: 27507	Crevice nozzle hand pipe curved Suction side 100x10 mm stainless steel - Item no: 20331 Steel galvanised Item no: 10698	
	Crevice nozzle, 500 mm long, Suction side 50x10 mm stainless steel - Item no: 17780 Steel chrome plated Item no: 10322	Crevice nozzle, 500 mm long, Suction side 80x10 mm, hole stainless steel Item no: 10569		
		Crevice nozzle plastic, 300 mm long Suction side 60x12 mm, with stainless steel connection Item no: 10470 with plastic connection Item no: 21690		
	Crevice nozzle, plastic, 210 mm long, conical, Suction side 30x8 mm Item no: 10283			

Accessories for cleaning requirements

35 mm connection

50 mm connection

70 mm connection

100 mm connection

	Rubber nozzle, 300 mm long conical, adjustable from 10-25 mm Item no: 10309	Rubber nozzle, 300 mm long conical, adjustable from 10-25 mm Connection hole for button lock Item no: 10482		
	Mass suction nozzle, 100 x 25 mm wide, Rubber oil-resistant, conductive, 45° elbow black Item no: 10349	Mass suction nozzle, 100 x 25 mm wide, Rubber oil-resistant, conductive, 45° elbow Item no: 10513 (black) conditionally oil-resistant Item no: 19209 (grey)		
		Rubber nozzle, 250 mm long, Ø 20 mm conical, black Item no: 10449 oil-resistant Item no: 10508	Rubber nozzle, 400 mm long, Ø 40 mm conical, black Item no: 10701	
		Rubber nozzle, 250 mm long, Ø 20 mm conical, grey conditionally oil-resistant, Item no: 15033		
	Rubber nozzle, 200 mm long, conical, black, Ø 20 mm, oblique Item no: 10284 oil-resistant, black Item no: 10348			
	Round brush, 70 mm Ø, Rubber body, 45° elbow, horse hair trimming Item no: 10350	Round brush, 70 mm Ø, Rubber body, 45° elbow, horse hair trimming Item no: 10512 Plastic body, grey Item no: 31133		


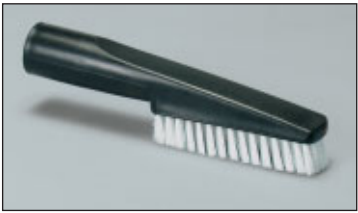




Accessories for cleaning requirements

35 mm connection

50 mm connection

70 mm connection

100 mm connection

	Flat nozzle, plastic black 45° elbow, Suction side 90x12 mm Item no: 10310	Flat nozzle, plastic black 45° elbow, hole Suction side 90x12 mm Item no: 20886		
	Universal brush, plastic, perlon trimming Suction side 120x30 mm Item no: 10311			
	Heater nozzle attachment, plastic, perlon trimming Suction side 30x8 mm Crevice nozzle attachment Item no: 10281			
		Mass suction nozzle, cast aluminium Suction side 115x40 mm 45° elbow, hole Item no: 10448		
		Suction nozzle for coarse matter cast aluminium body Suction side 200x70 mm, 45° elbow, hole Item no: 10523		
	Floor nozzle, 360mm, with castors, plastic, body Rubber bar - Item no: 10287 Plastic-metal body Rubber bar - Item no: 10305 Strip brush - Item no: 10353			







Accessories for cleaning requirements

35 mm connection

50 mm connection

70 mm connection

100 mm connection

			<p>Floor nozzle, 500 mm wide, steel body galvanised height adjustable, rollers plastic anti-static Rubber bar - Item no: 10766 Strip brush - Item no: 10765</p>	
		<p>Floor nozzle, 400 mm wide, Cast aluminium body, swivel joint, height adjustable, rollers plastic anti-static Rubber bar - Item no: 10532 Strip brush - Item no: 10534</p>		
		<p>Floor nozzle, 500 mm wide, Cast aluminium body, swivel joint, height adjustable, rollers plastic anti-static Rubber bar - Item no: 10530 Strip brush - Item no: 10533</p>		
		<p>Floor nozzle, 500 mm wide, Bronze body, swivel joint, height adjustable, rollers metal, Axles bronze, anti-static Rubber bar - Item no: 10546 Strip brush - Item no: 10547</p>		
		<p>Floor suction device for D1/W2 - rollers 75 mm Ø 600 mm wide - Item no: 10435 800 mm wide - Item no: 10472 for D2/W3 - rollers 125 mm Ø 600 mm wide - Item no: 10436 800 mm wide - Item no: 10473</p>	<p>Floor suction device for D1/W2 - rollers 75 mm Ø 600 mm wide - Item no: 10660 800 mm wide - Item no: 10666 for D2/W3 - rollers 125 mm Ø 600 mm wide - Item no: 10661 800 mm wide - Item no: 10667</p>	
	<p>Floor nozzle, 360 mm wide, Plastic-metal body, height adjustable, swivel joint rubber bar Item no: 23613 Strip brush - Item no: 23612</p>			

Accessories for cleaning requirements

35 mm connection

50 mm connection

70 mm connection

100 mm connection

		Elbow sleeve, 320 mm long, Aluminium 90° elbow, plastic, knurled screw, Item no: 10528		
		Elbow sleeve, 320 mm long, 45° elbow, knurled screw Steel galvanised Item no: 10537 Aluminium Item no: 10471		
	Elbow sleeve, 320 mm long, stainless steel 90° elbow Item no: 17585	Elbow sleeve, 320 mm long, Steel galvanised 45° elbow, knurled screw Item no: 10538		
			Fork, 45° 70 / 2x70 mm, Steel galvanised Item no: 11008 stainless steel Item no: 12769	Fork, 45° 100 / 2x70 mm, Steel galvanised Item no: 11037 stainless steel Item no: 23852
				Fork, 120° star-shaped 100 / 3x50 mm Steel galvanised Item no: 11034
		Fork, 45° 50 / 2x50 mm, Steel galvanised Item no: 11004 stainless steel Item no: 12369	Fork, 45° 70 / 2x50 mm, Steel galvanised Item no: 11006 stainless steel Item no: 12394	Fork, 45° 100 / 2x50 mm, Steel galvanised Item no: 15013 100 / 2x70 mm, Item no: 11033

Accessories for cleaning requirements

35 mm connection

50 mm connection

70 mm connection

100 mm connection



Fork, 120°, star-shaped
Steel galvanised,
50 / 3x50 mm,
Item no: 11005
stainless steel
Item no: 19250

Fork, 120°, star-shaped
Steel galvanised,
70 / 3x50 mm,
Item no: 11007
stainless steel
Item no: 12565

Fork, 120°, star-shaped
Steel galvanised,
100 / 3x70 mm,
Item no: 12293
100 / 3x50 mm
Item no: 11034

Inlet reducer, 70/50 mm,
Steel galvanised
Item no: 15222
stainless steel
Item no: 15253

Inlet reducer, 100/70 mm,
Steel galvanised
Item no: 15229
stainless steel
Item no: 12059

Inlet reducer, 70/50 mm,
Plastic, anti-static
Item no: 15255

Inlet reducer, 50/35 mm,
Steel galvanised
Item no: 15252
stainless steel
Item no: 15254

Inlet reducer, 100/50 mm,
Steel galvanised
Item no: 19338

Accessories for cleaning requirements

35 mm connection

50 mm connection

70 mm connection

100 mm connection



Flap cover, aluminium
without limit switch - Item no: 10511
with Reed contact N/O
Item no: 10522
with Reed contact N/C
Item no: 10541

Flap cover, aluminium
without limit switch - Item no: 10679
with Reed contact N/O
Item no: 10680
with Reed contact N/C
Item no: 10723

Flap cover, plastic, anti-static
without limit switch
Item no: 20995
with micro N/O N/C
Item no: 21003

Extractor arm, stainless steel, suction
funnel,
Star grip without connection hose
2 m version
Item no: 18612
3 m version
Item no: 31122
2 m version, anti-static
Item no: 22447
3 m version, anti-static
Item no: 22448

Extractor arm, stainless steel, suction
funnel,
Star grip without connection hose
2 m version
Item no: 18614
3 m version
Item no: 19899
2 m version, anti-static
Item no: 22445
3 m version, anti-static
Item no: 22446

Extractor arm, stainless steel, suction
funnel,
Star grip without connection hose
2 m version
Item no: 18615
3 m version
Item no: 21525

Accessories for hazardous dust areas

35 mm connection

50 mm connection

70 mm connection

100 mm connection

	Hose, 2.5 m, rubber with metal connections, conductive, M Item no: 31123 with stainless steel connections, conductive, M Item no: 31124	Hose, 3.0 m, rubber with stainless steel connections, conductive, M Item no: 10432 with plastic connections Item no: 10556		
	Hose, 2.5 m, plastic, highly flexible with metal connections, conductive, M Item no: 10324 with stainless steel connections, conductive, M , Item no: 10388	Hose, 3.0 m, plastic, highly flexible with stainless steel connections, conductive, M Item no: 10484 with plastic connections Item no: 10550	Hose, 3.0 m, plastic, highly flexible with metal connections, conductive, M Item no: 10750 with plastic connections, Item no: 10681 with stainless steel connections, conductive, M , Item no: 10785	Hose, 3.0 m, plastic, highly flexible with metal connections, conductive, M Item no: 11107 with stainless steel connections, conductive, M Item no: 11139
 PUR	Hose, 2.5m, highly abrasion resistant, with metal connections, conductive, M Item no: 10336	Hose, 3.0m, highly abrasion resistant, with stainless steel connections, conductive, M Item no: 10497 with plastic connections Item no: 13346	Hose, 3.0m, highly abrasion resistant, with metal connections, conductive, M Item no: 10739 with plastic connections Item no: 10687 with stainless steel connections, conductive, M , Item no: 10783	Hose, 3.0m, highly abrasion resistant, with metal connections, conductive, M Item no: 11098 with stainless steel connections, conductive, M Item no: 17388
	Hose, 2.5 m, plastic, with metal connections, anti-static, Ω Item no: 10288 with stainless steel connections, anti-static, Ω Item no: 21103	Hose, 3.0 m, plastic, with stainless steel connections, anti-static, Ω Item no: 10451 with plastic connections, anti-static, Ω , Item no: 10517	Hose, 3.0 m, plastic, with metal connections, anti-static, Ω Item no: 10726 with plastic connections, anti-static, Ω , Item no: 10672	
		Hose, 3.0 m metal, with stainless steel connections, conductive, M Item no: 10462	Hose, 3.0 m metal with metal connections, conductive, M Item no: 10733 with stainless steel connections, conductive, M Item no: 24798	Hose, 3.0 m metal with metal connections, conductive, M Item no: 11116 Hose, 2.5 m, rubber with stainless steel connections, conductive, M Item no: 31125
		Hose, 3.0 m, rubber with stainless steel connections, conductive, M Item no: 10575 with plastic connections anti-static, Ω Item no: 10576	Hose, 3.0 m, rubber with stainless steel connections, conductive, M Item no: 16411 with plastic connections Item no: 31128	

Accessories for hazardous dust areas

35 mm connection

50 mm connection

70 mm connection

100 mm connection

 <p>PUR</p>	<p>Hose, 2.5m, highly abrasion resistant with stainless steel connections, conductive, M Item no: 10377</p>	<p>Hose, 3.0m, highly abrasion resistant with stainless steel connections, conductive, M Item no: 10584 with plastic connections, anti-static, Ω Item no: 10562</p>	<p>Hose, 3.0m, highly abrasion resistant with stainless steel connections, conductive, M Item no: 10769 with plastic connections, anti-static, Ω Item no: 31129</p>	<p>Hose, 3.0m, highly abrasion resistant with stainless steel connections, conductive, M Item no: 17344</p>
 <p>PUR</p>	<p>Hose, 2.5m, highly abrasion resistant, light version, with metal connections, conductive, M Item no: 17604</p>	<p>Hose, 3.0m, highly abrasion resistant, light version, with stainless steel connections, conductive, M, Item no: 17009 with plastic connections Item no: 17328</p>	<p>Hose, 3.0m, highly abrasion resistant, light version, conductive, with metal connections, M - Item no: 17387 with plastic connections, Item no: 17547 with stainless steel connections, conductive, M, Item no. 17546</p>	<p>Hose, 3.0 m, highly abrasion resistant, light version, with metal connections, conductive, M Item no: 18408 with stainless steel connections, conductive, M Item no: 22318</p>
		<p>Hose, 3.0 m Metal with plastic coating, with stainless steel connections, conductive, M Item no: 21412</p>		
	<p>Hand pipe, curved without button lock, stainless steel Item no: 10373</p>	<p>Hand pipe, curved, 1 button lock, steel galvanised, Item no: 10445 2 button locks, steel galvanised Item no: 10544 1 button lock, stainl. steel, Item no: 19600 2 button locks, stainl. steel, Item no: 10579</p>	<p>Hand pipe, curved, 1 button lock, steel galvanised Item no: 10763 2 button locks, steel galvanised, Item no: 10764 1 button lock, stainl. steel - Item no: 22219 2 button locks, stainl. steel, Item no: 18054</p>	<p>Hand pipe, curved, on one side 2 button locks, Steel galvanised Item no: 11088 stainless steel Item no: 17893</p>
		<p>Hand pipe, curved Plastic black 1 button lock Item no: 10559 2 button locks Item no: 18157</p>		
		<p>Hand pipe, stainless steel, 1.0 m, 1-piece Item no: 10596 with button lock - Item no: 10578</p>	<p>Hand pipe - 1.0m, with handle, stainless steel - Item no: 10776 Steel galvanised Item no: 10696</p>	<p>Hand pipe - 1.0m, with double handle stainless steel - Item no: 12283 Steel galvanised Item no: 11089</p>


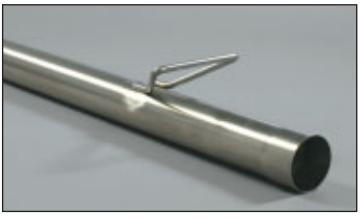




Accessories for hazardous dust areas

35 mm connection

50 mm connection

70 mm connection

100 mm connection

	Hand pipe, 1.0 m, 2-piece, Steel chrome plated - Item no: 10279 stainless steel - Item no: 10374			
			Hand pipe - 1.0m, with handle, stainless steel - Item no: 10776 Steel galvanised Item no: 10696	Hand pipe - 1.0m, with double handle Steel galvanised Item no: 11089
		Hand pipe, 1.0 m, 1-piece Plastic black, with collar for extension Item no: 10524		
	Crevice nozzle hand pipe curved Suction side 45x10 mm stainless steel Item no: 10384	Crevice nozzle hand pipe curved Suction side 70x10 mm Steel chrome plated - Item no: 10478 Steel galv. 1 Button lock - Item no: 18736 stainless steel - Item no: 10577 stainl. steel, 1 Button lock - Item no: 27507	Crevice nozzle hand pipe curved Suction side 100x10 mm stainless steel - Item no: 20331 Steel galvanised Item no: 10698	
	Crevice nozzle, 500 mm long, Suction side 50x10 mm stainless steel - Item no: 17780 Steel chrome plated Item no: 10322	Crevice nozzle, 500 mm long, Suction side 80x10 mm, hole stainless steel Item no: 10569		
	Mass suction nozzle, 100 x 25 mm wide, Rubber oil-resistant, conductive, 45° elbow black Item no: 10349	Mass suction nozzle, 100 x 25 mm wide, Rubber oil-resistant, conductive, 45° elbow, Item no: 10513 (black) conditionally oil-resistant Item no: 19209 (grey)		

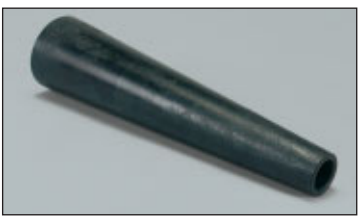





Accessories for hazardous dust areas

35 mm connection

50 mm connection

70 mm connection

100 mm connection

		Rubber nozzle, 250 mm long, Ø 20 mm conical, black Item no: 10449 oil-resistant Item no: 10508	Rubber nozzle, 400 mm long, Ø 40 mm conical, black Item no: 10701	
	Rubber nozzle, 200 mm long, Ø 20 mm, oblique conical, black, Item no: 10284 oil-resistant, black Item no: 10348			
	Dust brush, 300 mm, wooden body, straight 45°- horse hair rubber connection Item no: 10285 45°- horse hair stainless steel connect. Item no: 22182	Dust brush, 300 mm Wooden body, straight, knurled screw 45°- horse hair plastic c.- Item no: 10444 45° - Perlon - plastic c. - Item no: 12250 45°-horse hair - stainless steel connect. Item no: 10570 90° horse hair plastic c. - Item no: 17108		
	Dust brush, rounded for pipe 300 mm Ø, wooden body, 90°- rubber, horse hair Item no: 10282 45°- stainless steel horse hair Item no: 10376	Dust brush, rounded for pipe 300 mm Ø, wooden body, 90°- rubber, horse hair Item no: 10442 90°- stainless steel horse hair Item no: 10568		
	Round brush, 100 mm Ø, wooden body, 90°- stainless steel horse hair Item no: 17109	Round brush, 100 mm Ø, Wooden body, with knurled screw, 45°- stainless steel, horse hair Item no: 10567		
	Round brush, 100 mm Ø, Wooden body, 45°- rubber connection, Horse hair - Item no: 10286 perlon trimming - Item no: 12247 90°- plastic connection, Horse hair - Item no: 12333	Round brush, 100 mm Ø, knurled screw Wooden body, plastic, connection, 45°-horse hair - Item no: 10443 45°-perlon trimming - Item no: 12246 90°-horse hair - Item no: 17104 90° - perlon trimming - Item no: 17526		







Accessories for hazardous dust areas

35 mm connection

50 mm connection

70 mm connection

100 mm connection

	<p>Round brush, 100 mm Ø, Wooden body, stainless steel connection 45° elbow Horse hair trimming Item no: 10375</p>			
		<p>Crevice nozzle plastic, 300 mm long Suction side 60x12 mm, with stainless steel connections Item no: 10470 with plastic connection Item no: 21690</p>		
	<p>Crevice nozzle, plastic, 210 mm long, conical, Suction side 30x8 mm Item no: 010283</p>			
	<p>Rubber nozzle, 300 mm long conical, adjustable from 10-25 mm Item no: 10309</p>	<p>Rubber nozzle, 300 mm long conical, adjustable from 10-25 mm Connection hole Item no: 10482</p>		
		<p>Rubber nozzle, 250 mm long, conical, grey, 20 mm Ø conditionally oil-resistant, Item no: 15033</p>		
	<p>Round brush, 70 mm Ø, Plastic body 45° elbow, horse hair trimming Item no: 10350</p>	<p>Round brush, 70 mm Ø, Plastic body, 45° elbow, horse hair trimming Item no: 10512</p>		







Accessories for hazardous dust areas

35 mm connection

50 mm connection

70 mm connection

100 mm connection

			Floor nozzle, 500 mm wide, steel body galvanised, height adjustable, rollers plastic anti-static Rubber bar - Item no: 10766 Strip brush - Item no: 10765	
		Floor nozzle, 400 mm wide, Cast aluminium body, swivel joint, height adjustable, rollers plastic anti-static Rubber bar - Item no: 10532 Strip brush - Item no: 10534		
		Floor nozzle, 500 mm wide, Cast aluminium body, swivel joint, height adjustable, rollers plastic anti-static Rubber bar - Item no: 10530 Strip brush - Item no: 10533		
		Floor nozzle, 500 mm wide, Bronze body, swivel joint, height adjustable, rollers metal, Axles bronze, anti-static Rubber bar - Item no: 10546 Strip brush - Item no: 10547		
		Floor suction device for D1/W2 - rollers 75 mm Ø 600 mm wide - Item no: 10435 800 mm wide - Item no: 10472 for D2/W3 - rollers 125 mm Ø 600 mm wide - Item no: 10436 800 mm wide - Item no: 10473	Floor suction device for D1/W2 - rollers 75 mm Ø 600 mm wide - Item no: 10660 800 mm wide - Item no: 10666 for D2/W3 - rollers 125 mm Ø 600 mm wide - Item no: 10661 800 mm wide - Item no: 10667	
	Floor nozzle, 360 mm wide, Plastic-metal body, height adjustable, swivel joint rubber bar Item no: 23613 Strip brush - Item no: 23612			



Accessories for hazardous dust areas

35 mm connection

50 mm connection

70 mm connection

100 mm connection

		Elbow sleeve, 320 mm long, Steel galvanised 45° elbow, knurled screw Item no: 10537		
	Elbow sleeve, 320 mm long, stainless steel 90° elbow Item no: 17585	Elbow sleeve, 320 mm long, Steel galvanised 45° elbow, knurled screw Item no: 10538		
			Fork, 45° 70 / 2x70 mm, Steel galvanised Item no: 11008 stainless steel Item no: 12769	Fork, 45° 100 / 2x70 mm, Steel galvanised Item no: 11037 stainless steel Item no: 23852
				Fork, 120° star-shaped 100 / 3x50 mm Steel galvanised Item no: 11034
		Fork, 45° 50 / 2x50 mm, Steel galvanised Item no: 11004 stainless steel Item no: 12369	Fork, 45° 70 / 2x50 mm, Steel galvanised Item no: 11006 stainless steel Item no: 12394	Fork, 45° 100 / 2x50 mm, Steel galvanised Item no: 15013 100 / 2x70 mm, Item no: 11033
		Fork, 120°, star-shaped Steel galvanised, 50 / 3x50 mm, Item no: 11005 stainless steel Item no: 19250	Fork, 120°, star-shaped Steel galvanised, 70 / 3x50 mm, Item no: 11007 stainless steel Item no: 12565	Fork, 120°, star-shaped Steel galvanised, 100 / 3x70 mm, Item no: 12293 100 / 3x50 mm Item no: 11034







Accessories for hazardous dust areas

35 mm connection

50 mm connection

70 mm connection

100 mm connection

		Inlet reducer, 70/50 mm, Steel galvanised Item no: 15222 Plastic, anti-static Item no: 15255 stainless steel - Item no: 15253	Inlet reducer, 100/70 mm, Steel galvanised Item no: 15229 stainless steel Item no: 12059	
	Inlet reducer, 50/35 mm, Steel galvanised Item no: 15252 stainless steel Item no: 15254			
		Inlet reducer, 100/50 mm Steel galvanised Item no: 19338		
	Flat nozzle, plastic black 45° elbow, Suction side 90x12 mm Item no: 010310	Flat nozzle, plastic black 45° elbow, hole Suction side 90x12 mm Item no: 020886		
	Universal brush, plastic, perlon trimming Suction side 120x30 mm Item no: 10311			
	Heater nozzle attachment, plastic, perlon trimming Suction side 30x8 mm Crevice nozzle attachment Item no: 10281			

Accessories for hazardous dust areas

35 mm connection

50 mm connection

70 mm connection

100 mm connection



	<p>Flap cover, aluminium without limit switch - Item no: 10511 with Reed contact N/O Item no: 10522 with Reed contact N/C Item no: 10541</p>	<p>Flap cover, aluminium without limit switch - Item no: 10679 with Reed contact N/O Item no: 10680 with Reed contact N/C Item no: 10723</p>	
	<p>Flap cover, plastic, anti-static without limit switch Item no: 20995 with micro N/O N/C Item no: 21003</p>		
	<p>Extractor arm, stainless steel, suction funnel, Star grip without connection hose 2 m version Item no: 18612 3 m version Item no: 31122 2 m version, anti-static Item no: 22447 3 m version, anti-static Item no: 22448</p>	<p>Extractor arm, stainless steel, suction funnel, Star grip without connection hose 2 m version Item no: 18614 3 m version Item no: 19899 2 m version, anti-static Item no: 22445 3 m version, anti-static Item no: 22446</p>	<p>Extractor arm, stainless steel, suction funnel, Star grip without connection hose 2 m version Item no: 18615 3 m version Item no: 21525</p>



Accessories for hazardous gas areas

35 mm connection

50 mm connection

70 mm connection

100 mm connection



Hose, 2.5 m, plastic, with metal connections, anti-static, Ω
Item no: 10288
with stainless steel connections, anti-static, Ω
Item no: 21103

Hose, 3.0 m, plastic, with stainless steel connections, anti-static, Ω
Item no: 10451
with plastic connections, anti-static, Ω
Item no: 10517

Hose, 3.0 m, plastic, with metal connections, anti-static, Ω
Item no: 10726
with plastic connections anti-static, Ω
Item no: 10672

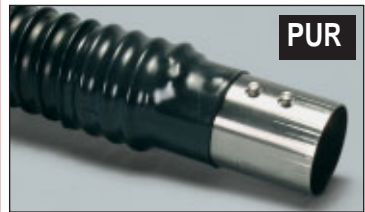
Hose, 2.5 m, rubber with stainless steel connections, conductive, **M**
Item no: 31125



Hose, 3.0 m, rubber with stainless steel connections, conductive, **M**
Item no: 10575
with plastic connections anti-static, Item no: 10576

Hose, 3.0 m, rubber with stainless steel connections, conductive, **M**
Item no: 16411
with plastic connections
Item no: 31128

Hose, 2.5m, highly abrasion resistant with stainless steel connections, conductive, **M**
Item no: 10377



PUR

Hose, 3.0m, highly abrasion resistant with stainless steel connections, conductive, **M**
Item no: 10584
with plastic connections, anti-static, Item no: 10562

Hose, 3.0m, highly abrasion resistant with stainless steel connections, conductive, **M**
Item no: 10769
with plastic connections, anti-static, Ω
Item no: 31129

Hose, 3.0m, highly abrasion resistant with stainless steel connections, conductive, **M**
Item no: 17344

Hand pipe, curved without button lock, stainless steel
Item no: 10373



Hand pipe, curved
1 button lock, stainless steel
Item no: 19600
2 button locks, stainless steel
Item no: 10579

Hand pipe, curved
1 button lock, stainless steel
Item no: 22219
2 button locks, stainless steel
Item no: 18054

Pipe attachment, curved on one side 2 button locks, stainless steel
Item no: 17893



Hand pipe, curved
Plastic, black,
1 button lock
Item no: 10559
2 button locks
Item no: 18157



Hand pipe, stainless steel, 1.0 m, 1-piece
Item no: 10596
with button lock
Item no: 10578

Hand pipe - 1.0 m, stainless steel
Item no: 10776
Steel galvanised
Item no: 10969

Hand pipe - 1.0m, with double handle stainless steel
Item no: 12283
Steel galvanised
Item no: 11089



Accessories for hazardous gas areas

35 mm connection

50 mm connection

70 mm connection

100 mm connection



Extension pipe, 1.0 m, 1-piece
Plastic black
with collar for extension
Item no: 10524



Crevice nozzle hand pipe curved
Suction side 45x10 mm
stainless steel
Item no: 10384

Crevice nozzle hand pipe curved
Suction side 70x10 mm, stainless steel
Item no: 10577
1 Button lock
Item no: 27507

Crevice nozzle hand pipe curved
Suction side 100x10 mm
stainless steel - Item no: 20331



Crevice nozzle, 500 mm long,
Suction side 50x10 mm
stainless steel
Item no: 17780

Crevice nozzle, 500 mm long,
Suction side 80x10 mm, hole
stainless steel
Item no: 10569



Elbow sleeve, 320 mm long,
stainless steel
90° elbow
Item no: 17585



Mass suction nozzle,
100 x 25 mm wide,
Rubber oil-resistant, conductive,
45° elbow
black
Item no: 10349

Mass suction nozzle,
100 x 25 mm wide,
Rubber oil-resistant, conductive,
45° elbow, Item no: 10513 (black)
conditionally oil-resistant
Item no: 19209 (grey)



Rubber nozzle, 250 mm long,
Ø 20 mm
conical, black
Item no: 10449
oil-resistant
Item no: 10508

Rubber nozzle, 400 mm long,
Ø 40 mm
conical, black
Item no: 10701



Accessories for hazardous gas areas

35 mm connection

50 mm connection

70 mm connection

100 mm connection



Flap cover, plastic, anti-static without limit switch
Item no: 20995
with micro N/O N/C
Item no: 21003



Flap cover, aluminium without limit switch - Item no: 10511
with Reed contact N/O
Item no: 10522
with Reed contact N/C
Item no: 10541

Flap cover, aluminium without limit switch - Item no: 10679
with Reed contact N/O
Item no: 10680
with Reed contact N/C
Item no: 10723



Floor nozzle, 500 mm wide, Bronze body, swivel joint, height adjustable, rollers metal, Axles bronze, anti-static
Rubber bar - Item no: 10546
Strip brush - Item no: 10547



Fork, 45°
70 / 2x70 mm,
stainless steel
Item no: 12769

Fork, 45°
100 / 2x70 mm,
stainless steel
Item no: 23852



Fork, 45°
50 / 2x50 mm,
stainless steel
Item no: 12369

Fork, 45°
70 / 2x50 mm,
stainless steel
Item no: 12394

Fork, 45°
100 / 2x50 mm,
stainless steel
Item no: 13032



Fork, 120°, star-shaped
50 / 3x50 mm,
stainless steel
Item no: 19250

Fork, 120°, star-shaped
70 / 3x50 mm,
stainless steel
Item no: 12565

Fork, 120°, star-shaped
100 / 3x70 mm,
stainless steel
Item no: 11034



Accessories for hazardous gas areas

35 mm connection

50 mm connection

70 mm connection

100 mm connection



Inlet reducer, 70/50 mm,
Steel galvanised
Item no: 15222
stainless steel
Item no: 15253

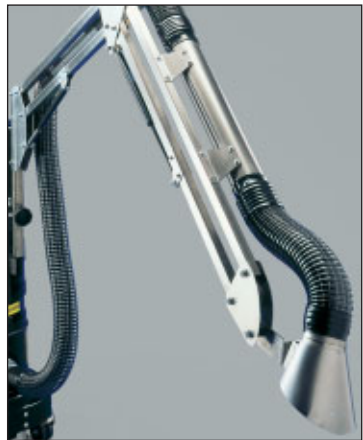
Inlet reducer, 100/70 mm,
Steel galvanised
Item no: 15229
stainless steel
Item no: 12059



Inlet reducer, 70/50 mm,
Plastic, anti-static
Item no: 15255



Inlet reducer, 50/35 mm,
Steel galvanised
Item no: 15252
stainless steel
Item no: 15254



Extractor arm, stainless steel,
suction funnel,
Star grip without connection hose
2 m version
Item no: 18612
3 m version
Item no: 31122
2 m version, anti-static
Item no: 22447
3 m version, anti-static
Item no: 22448

Extractor arm, stainless steel,
suction funnel,
Star grip without connection hose
2 m version
Item no: 18614
3 m version
Item no: 19899
2 m version, anti-static
Item no: 22445
3 m version, anti-static
Item no: 22446

Further accessories



Accessory rack for WS2
Steel pipe powder-coated
black
Installed on noise-suppression hood
L - 578 mm
W - 324 mm
H - 70 mm

Item no: 16956



Accessory rack for a WS3/D2
Steel pipe powder-coated, red,
Installed above the tank connection
L - 516 mm
W - 273 mm
H - 357 mm

Item no: 16100



Hose holder
for models D1/W2/D2/W3
Steel pipe powder-coated
L - 330 mm, W - 123 mm, H - 238 mm
Installed at the front
Item no: 22402 (red)
Item no: 27132 (black)

Installed at the side
Item no: 22890 (red)
Item no: 12064 (black)



Accessory holder, stainless steel
Installed on noise-suppression hood
Double, L - 200 mm, W - 50 mm, H - 80 mm
Item no: 24079
Triple, L - 250 mm, W - 50 mm, H - 80 mm
Item no: 24080

Installed on the right side
Triple, L - 260 mm, W - 83 mm, H - 80 mm
Item no: 24081



Accessory rack
for models D1/W2
Steel pipe powder-coated, red,
L - 370 mm, W - 152 mm, H - 340 mm
Installed on the left suction side
(viewed from the push handle)

Item no: 11416



Cable winder for D1/D2 vacuum,
rolled up max. 1,0 kW, unrolled max. 3,0 kW,
inc. thermal overload protection,
Installed on housing, left
Voltage: 400 V, Extension length: 10 m
Item no: 23642
Voltage: 400 V, Extension length: 20 m
Item no: 23641
Voltage: 230 V, Extension length: 10 m
Item no: 23639
Voltage: 230 V, Extension length: 20 m
Item no: 23643

Further accessories



Prefilter cell made of jute
for 50 Litre drum
Item no: 11035
for 110 L drum
Item no: 13894
for 200 L drum
Item no: 11026



Insert rack
made of stainless steel for inserted bag in
D1- / W2 dust bin, 30 Litre
Item no: 23713



Prefilter cell made of fleece
for 50 Litre drum
Item no: 22103

Prefilter cell made of fleece
for 100 Litre drum
Item no: 11071



Disposal container, approx. 50 L,
for WS 3 / DS 2
with lid and circlip
Item no: 15214
with lid, circlip and hole with 100 mm
opening
Item no: 21343



Dust filter bag
for DS 1/WS 2
5 pack
Item no: 20992



Disposal tray, approx. 30 L,
for W 2 / D 1,
with lid
Item no: 15047
without lid
Item no: 21366



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