



INDUSTRIAL VACUUM SYSTEMS

Suction tools
for industrial
vacuum cleaners

System K



Suction tools, system K
DN 30, 40, 50, 60
electrically conductive
suitable for use in zones 2, 21 and 22

Representative for the Baltic Region
UAB FORESTILA
LT-08409 Vilnius, Moletu pl. 47F
+370 5 2040932 wieland@forestila.lt
www.forestila.lt

Possible combinations of suction hoses and suction tools

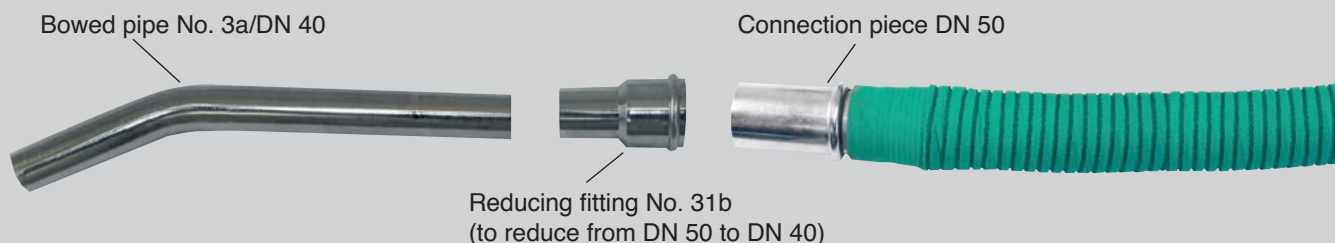
1 Same diameter of suction hose and nozzle

Bowed pipe No. 3/DN 50 is connected directly to hose connector



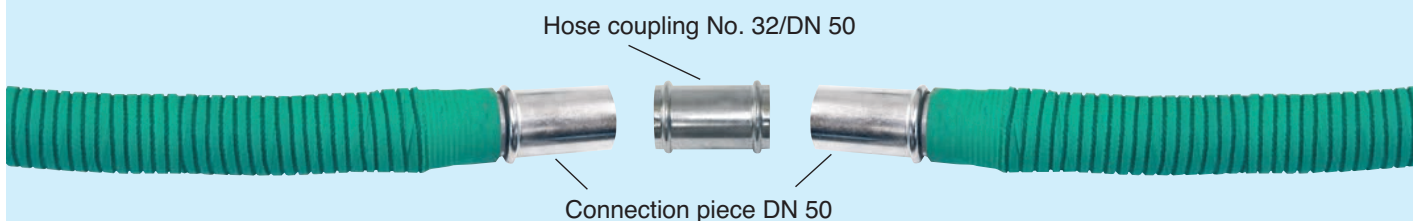
2 Different diameter of suction hose and nozzle

Suction hose of dia. 50 mm is connected with reducing fitting No. 31b/DN 50 to reduce from 50 mm to 40 mm. Then the bowed pipe No. 3/DN 40 can be used



3 Coupling of two suction hoses of same diameter




For coupling two or more suction hoses together (for extension), the hose coupling No. 32 of same diameter is used



When ordering hoses or suction tools, please state code number and diameter.










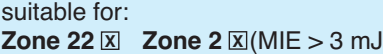
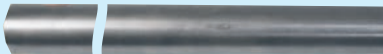
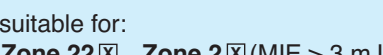
Subject to alterations without prior notice!

Suction tools conical system K, DN 30, 40, 50, 60 electrically conductive (meeting the B1 regulation)

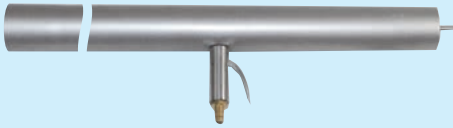





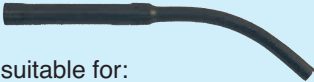





		Nominal diameter (mm)			
		30	40	50	60
 Plastic hose SE with connection pieces, very flexible, for suction work and as extension, electrically conductive, temperature range: 0°C to +85°C, colour: black / white * suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)	Code No.				
	5 m	-	711095	711097	711099
	10 m	-	711115	711017	711069
	15 m	-	-	711018	711071
 Universal rubber hose UG with connection pieces, highly resistant to abrasion, for suction work and as extension, electrically conductive, temperature range: -20 to +80°C, colour: green suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)	Code No.				
	5 m	-	712016	712017	712018
	10 m	-	712021	712024	712027
	15 m	-	-	712025	712028
	20 m	-	-	-	712029
 Polyurethane hose PURE with connection pieces, resistant to abrasion, for suction work and as extension, electrically conductive, temperature range: -40°C to +90°C, colour: green suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)	Code No.				
	5 m	-	711104	711105	711106
	10 m	-	711026	711029	711040
	15 m	-	711027	711030	711041
	20 m	-	711028	711031	711042

MIE: Minimum Ignition Energy

* not suitable for processes creating high levels of electrostatic electricity










Suction tools conical system K, DN 30, 40, 50, 60 electrically conductive (meeting the B1 regulation)		Nominal diameter (mm)			
		30	40	50	60
 <p>Rubber hose TB with connection pieces, transformer oil resistant, highly resistant to abrasion for suction work and as extension, electrically conductive, temperature range: -20°C to +120°C, colour: blue</p>	Code No.				
	5 m 10 m	- -	- -	712007 712003	712008 712009
<p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>					
 <p>Metal hose M with connection pieces, heat resistant, for suction work and as extension, not suitable for liquids, electrically conductive, temperature range: up to +400°C, zinc plated</p>	Code No.				
	5 m 10 m	- -	- -	713007 713012	713008 713014
<p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>					
 <p>Elbow 11 90°, metal, zinc plated, rotation: 360°, to be inserted into the suction inlet of the vacuum unit, prevents buckling of the hose</p>	Code No.				
		-	-	714021	714022
<p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>					
 <p>Reducing fitting 30a necessary when using suction hoses of a smaller diameter than the suction inlet of the vacuum unit, for suction inlet of vacuum</p>	Code No.				
		-	-	716000	716001
<p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>					
 <p>Connection piece 31 for hoses without connection piece two-pieces, rotating</p>	Code No.				
		-	716014	716015	716016
<p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>					
 <p>Reducing fitting 31b necessary when using accessories of a smaller diameter than the flexible hose, fits to connection piece no. 31</p>	Code No.				
		-	716002	716003	716004
<p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>			DN 40/DN 30	DN 50/DN 40	DN 60/DN 50
 <p>Reducing fitting 38 with air regulation, necessary when working with units of 5.5 kW and more</p>	Code No.				
		-	716005	716006	-
<p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>			DN 40/DN 30	DN 50/DN 40	
 <p>Hose coupling 32 for extension of flexible hoses</p>	Code No.				
		-	716011	716012	716013
<p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>					
 <p>Suction tube 1b approx. 1 m long, aluminium</p>	Code No.				
		-	714031	714032	714033
 <p>Suction tube 2b approx. 0.5 m long, aluminium</p>	Code No.				
		-	714034	714035	714036
<p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>					
 <p>Suction tube 1c approx. 1 m long, steel, zinc plated</p>	Code No.				
		-	714007	714008	714009
 <p>Suction tube 2c approx. 0.5 m long, steel, zinc plated</p>	Code No.				
		-	714017	714018	714019
<p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>					

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Suction tools conical system K, DN 30, 40, 50, 60 electrically conductive (meeting the B1 regulation)		Nominal diameter (mm)				
		30	40	50	60	
	Suction/blowing nozzle 40 for the cleaning of blind holes, with suction tube 50 mm, connection for compressed air, 5 blowing nozzles, compressed air valve	Code No.	-	-	715049	-
suitable for: Zone 22 <input checked="" type="checkbox"/> Zone 2 <input checked="" type="checkbox"/> (MIE > 3 mJ) Zone 21 <input checked="" type="checkbox"/> (MIE > 3 mJ)						
	Fluidizing nozzle 39 steel, zinc plated, for the removal of bulk material and accumulations of dust	Code No.	-	-	-	715062
suitable for: Zone 22 <input checked="" type="checkbox"/> Zone 2 <input checked="" type="checkbox"/> (MIE > 3 mJ) Zone 21 <input checked="" type="checkbox"/> (MIE > 3 mJ)						
	Rubber nozzle 29 150 mm long, for machine cleaning*	Code No.	-	-	715066	-
suitable for: Zone 22 <input checked="" type="checkbox"/> Zone 2 <input type="checkbox"/> Zone 21 <input type="checkbox"/>						
	Round nozzle 3 30°, plastic, cleaning*	Code No.	715000	715001	715002	-
suitable for: Zone 22 <input checked="" type="checkbox"/> Zone 2 <input type="checkbox"/> Zone 21 <input type="checkbox"/>						
	Round nozzle 3a 30°, steel, zinc plated, suction and connection of other nozzles	Code No.	-	715005	715006	715007
suitable for: Zone 22 <input checked="" type="checkbox"/> Zone 2 <input checked="" type="checkbox"/> (MIE > 3 mJ) Zone 21 <input checked="" type="checkbox"/> (MIE > 3 mJ)						
	Round nozzle 3b 30°, plastic, separate rubber nozzle at top*	Code No.	-	-	715014	-
suitable for: Zone 22 <input checked="" type="checkbox"/> Zone 2 <input type="checkbox"/> Zone 21 <input type="checkbox"/>						
	Suction nozzle 4 plastic, in two parts, for machine cleaning*	Code No.	715008	715009	-	-
suitable for: Zone 22 <input checked="" type="checkbox"/> Zone 2 <input type="checkbox"/> Zone 21 <input type="checkbox"/>						
	Suction nozzle 4b plastic, one-piece, for machine cleaning*	Code No.	-	715013	-	-
suitable for: Zone 22 <input checked="" type="checkbox"/> Zone 2 <input type="checkbox"/> Zone 21 <input type="checkbox"/>						
	Suction nozzle 4a one part, steel, zinc plated, for machine cleaning	Code No.	-	715015	-	-
suitable for: Zone 22 <input checked="" type="checkbox"/> Zone 2 <input checked="" type="checkbox"/> (MIE > 3 mJ) Zone 21 <input checked="" type="checkbox"/> (MIE > 3 mJ)						
	Flat nozzle 6 plastic, for narrow grooves of machines*	Code No.	-	715017	715018	715160
suitable for: Zone 22 <input checked="" type="checkbox"/> Zone 2 <input type="checkbox"/> Zone 21 <input type="checkbox"/>		Opening of nozzle	-	12x65 mm ²	18x90 mm ²	18x90 mm ²
	Flat nozzle 6a metal, zinc plated, for cleaning of narrow spaces on machines and radiators	Code No.	-	715020	715021	715022
suitable for: Zone 22 <input checked="" type="checkbox"/> Zone 2 <input checked="" type="checkbox"/> (MIE > 3 mJ) Zone 21 <input checked="" type="checkbox"/> (MIE > 3 mJ)		Opening of nozzle	-	15x60 mm ²	15x80 mm ²	15x90 mm ²
	Flat nozzle 6b plastic, for machine cleaning, suction opening: 90 x 15 mm*	Code No.	-	-	715070	-
suitable for: Zone 22 <input checked="" type="checkbox"/> Zone 2 <input type="checkbox"/> Zone 21 <input type="checkbox"/>						

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* not suitable for processes creating high levels of electrostatic electricity

Suction tools conical system K, DN 30, 40, 50, 60 electrically conductive (meeting the B1 regulation)		Nominal diameter (mm)				
		30	40	50	60	
 suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)	Triangular nozzle 7c straight, aluminium casting, with steel rail, painted, for vacuum extraction of dirt, turnings and bulk material	Code No. - Opening of nozzle -	-	715027	715028	715029
	-	110x30 mm ²	110x30 mm ²	110x30 mm ²		
 suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)	Triangular nozzle 7 aluminium casting, with steel rail, painted, for vacuum extraction of dirt	Code No. - Opening of nozzle -	-	715023	-	-
	-	150x15 mm ²	-	-		
 suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)	Triangular nozzle 7a angular, aluminium casting, painted, with steel scraper, for scraping off and vacuum extraction of adhesive dirt	Code No. - Opening of nozzle -	-	715024	-	-
	-	150x15 mm ²	-	-		
 suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)	Triangular nozzle 7b angular, aluminium casting, painted, with rubber lips, for removal of liquids and sludge	Code No. - Opening of nozzle -	-	715025	-	-
	-	150x15 mm ²	-	-		
 suitable for: Zone 22 ☒ Zone 2 ☒ (MZE > 3 mJ) Zone 21 ☒ (MZE > 3 mJ)	Triangular nozzle 7g angular, aluminium casting, painted, with brush insert, for cleaning of cushions, inside-cleaning of cars	Code No. - Opening of nozzle -	-	715026	-	-
	-	150x15 mm ²	-	-		
 suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)	Triangular nozzle 7d angular, aluminium casting, painted, with steel rail, for removal of dirt and chips	Code No. - Opening of nozzle -	-	715030	715031	715032
	-	300x28 mm ²	300x28 mm ²	300x28 mm ²		
 suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)	Triangular nozzle 7e angular, aluminium casting, painted, with rubber lips, for removal of liquids and sludge	Code No. - Opening of nozzle -	-	715033	715034	715035
	-	300x28 mm ²	300x28 mm ²	300x28 mm ²		
 suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ) recommended for floor cleaning nozzles: suction tube 1c and round nozzle 3a of the same diameter	Floor cleaning nozzle 500 L suitable for units up to 3.6 kW, width 500 mm, aluminium casting, rubber lips on both sides, swivel elbow and clamp lock, height adjustable wheels	Code No. - -	-	-	715075	-
	 Brush inserts for dry material we recommend brush inserts instead of rubber lips	Code No. - -	-	-	715076	-

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Suction tools conical system K, DN 30, 40, 50, 60
electrically conductive (meeting the B1 regulation)

Nominal diameter (mm)

		30	40	50	60
 <p>Floor cleaning nozzle 300 S width 300 mm,</p> <p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p> <p>aluminium casting, suitable for units up to 22 kW, rubber lips on both sides, swivel elbow and clamp lock, height adjustable wheels</p> <p>recommended for floor cleaning nozzles: suction tube 1c and round nozzle 3a of the same diameter</p>	Code No.	-	-	715136	715137
		-	-	715139	715140
 <p>Floor cleaning nozzle 500 S width 500 mm,</p> <p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>	Code No.	-	-	715139	715140
		-	-	715040	-
 <p>Brush 8 370 mm wide, angular</p> <p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p> <p>for removal of dry dust from walls and floors</p>	Code No.	-	-	715040	-
		-	715039	-	-
 <p>Brush 8 250 mm wide, angular</p> <p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>	Code No.	-	715043	-	-
		-	715043	-	-
 <p>Brush 12a 120° section, for pipelines up to 250 mm Ø, for overhead cleaning</p> <p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>	Code No.	-	715041	-	-
		-	-	715042	-
 <p>Brush 10 round Ø 100 mm and Ø 120 mm, angular, for cleaning of floors, machines, ceilings, windows, columns and beams</p> <p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>	Code No.	-	716059	-	-
		-	716059	-	-
 <p>Universal rubber brush 16 for removal of dust and fly, cleaning of looms and other machinery *</p> <p>suitable for: Zone 22 ☒ Zone 2 ☐ Zone 21 ☐</p>	Code No.	-	-	-	762112
		-	-	-	1x 100 mm MV 1x 60 mm K
 <p>Connection piece MV 100/60 K steel, zinc coated, direct connection to MaxVac for suction hose, system K</p> <p>suitable for: Zone 22 ☒ Zone 2 ☒ (MIE > 3 mJ) Zone 21 ☒ (MIE > 3 mJ)</p>	Code No.	-	-	-	762112
		-	-	-	1x 100 mm MV 1x 60 mm K

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