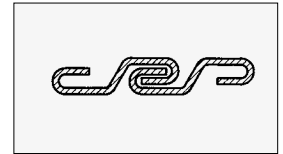
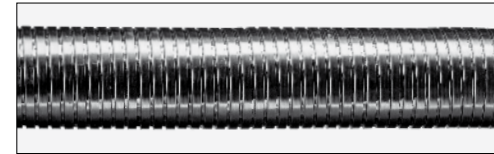




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for solid and
gaseous
substances

Suction and fan hoses are stripwound metal hoses with polygonal or round cross-sections, engaged or interlocked profiles. Highly flexible, lightweight and easy to install, their heat resistance depends on the materials chosen for both hose and sealing. Fields of application: carrying warm and cold air, fumes, exhaust gases and smoke; conveying dust, wood and metal shavings, granulates, grains, etc; in ventilation engineering; in wood- and metalworking; and in the textile, chemical and automotive industries.

**Types:**

FA 330S, galvanised steel
or stainless steel

Materials:

- steel, galvanised (1.0330 / 1.0333)
- stainless steel (1.4301)

Application:

Exhaust hose for mobile and stationary applications; also useable as extraction hose or conveying hose.

Operating temperature:

- galvanised steel: 400° C
- stainless steel: 600° C

Properties:

- high mechanical strength
- vibration-resistant
- good flexibility
- self-supporting in its bending behaviour
- at high temperatures, owing to metallic sealing

Production lengths:

- In extended position
- up to DN 55, max. 20 m
 - DN 60 and above: max. 10 m

Supplied in the following forms:

Bundled in rings

Design:

- stripwound metal hose
- engaged profile
- polygonal cross-section

Order specifications:

- exhaust hose, galvanised steel
Type FA 330S
- exhaust hose, stainless steel
Type FA 330S

Extraction, exhaust and conveying hoses

Galvanised steel or stainless steel, metallic sealing

Type FA 330S

DN	Inside diameter	Outside diameter	Permissible tolerance	Minimum bending radius	Weight approx.
—	d	D	d, D	r _{min}	—
—	mm	mm	mm	mm	kg/m
20	20.0	22.5	± 0.4	135	0.318
23	23.0	25.5	± 0.4	155	0.363
25	25.0	27.5	± 0.4	165	0.394
28	28.0	30.5	± 0.4	185	0.439
30	30.0	33.1	± 0.4	180	0.582
32	32.0	35.1	± 0.4	195	0.619
35	35.0	38.1	± 0.4	210	0.674
38	38.0	41.0	± 0.4	230	0.728
40	40.0	43.1	± 0.5	240	0.766
42	42.0	45.1	± 0.5	250	0.799
45	45.0	48.1	± 0.5	270	0.859
50	50.0	53.1	± 0.5	300	0.953
55	55.0	58.1	± 0.5	325	1.04
60	60.0	64.0	± 0.6	335	1.55
65	65.0	69.0	± 0.6	360	1.67
70	70.0	74.0	± 0.6	390	1.80
75	75.0	79.0	± 0.6	415	1.92
80	80.0	84.0	± 0.7	440	2.04
84	84.0	88.0	± 0.7	460	2.10
90	90.0	94.0	± 0.7	495	2.30
100	100.0	104.0	± 0.8	550	2.55
110	110.0	115.0	± 0.8	605	2.81
120	120.0	125.0	± 0.8	660	3.06
125	125.0	130.0	± 0.8	685	3.18

Extraction, exhaust and conveying hoses

Galvanised steel or stainless steel, metallic sealing

Type FA 330S

DN	Inside diameter	Outside diameter	Permissible tolerance	Minimum bending radius	Weight approx.
—	d	D	d, D	r _{min}	—
—	mm	mm	mm	mm	kg/m
130	130.0	137.0	± 1.0	600	4.05
140	140.0	147.0	± 1.0	645	4.34
150	150.0	157.0	± 1.0	690	4.65
160	160.0	167.0	± 1.0	735	4.96
175	175.0	182.0	± 1.0	800	5.42
180	180.0	187.0	± 1.0	825	5.56
185	185.0	192.0	± 1.0	995	5.70
200	200.0	208.0	± 1.5	1085	7.74
225	225.0	233.0	± 1.5	1215	8.68
250	250.0	258.0	± 1.5	1350	9.60
275	275.0	283.0	± 1.5	1480	10.59
300	300.0	308.0	± 2.0	1615	11.49

Please quote when ordering: type of hose, material, nominal diameter (DN), length