

HIGH-TEMPERATURE · in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside)

METAL HOSE INOX 376

Stainless steel suction hose — up to +600 °C, abrasion-resistant, ATEX Zone 20-21-22 inside



Stainless steel suction hose, heat-resistant up to +600 °C and highly abrasion-resistant. Electrically conductive construction makes the hose ATEX-approved for pneumatic transport of flammable dust and bulk materials in Zone 20, 21 and 22 inside — covering both high-temperature and explosive dust environments simultaneously. Designed for transport of wood chips, sawdust, oil mist, paper and glass-ceramic materials in demanding industrial applications.

R: $<10^6 \Omega$

ATEX: Zone 0/1/2 + 20/21/22

Media: Dust, Gas

Temp: 0 °C to 600 °C

✓ Cut to length

APPLICATIONS

- Wood chip and sawdust extraction
- Wood dust extraction from milling machines
- Oil mist extraction
- High-temperature applications (flue gas, hot vapours)
- Packaging machines with hot operations
- Filter systems in demanding environments

Technical specifications

Material	Stainless steel (INOX) — fully metallic construction
Colour	Silver-grey (stainless steel)
Wall construction	Spiralled stainless steel, airtight rolled
Spiral material	stainless steel
Conveying media	Dust, Gas
Temperature range	0 °C – 600 °C
Short-term peak	600 °C
Electrical resistance	<10 ⁶ Ω
ATEX classification	in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside) ATEX 2014/34/EU (1999/92/EC) + TRGS 727
Cut to length	Yes
Manufacturer SKU	3760000

Standards and compliance

ATEX 2014/34/EU, TRGS 727, REACH, RoHS

Dimensions and ordering

The hose is supplied in 28 standard sizes from inner Ø 20.0 mm to 300.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Article no.
20	90	10	0.35	37600200000
25	98	10	0.43	37600250000
30	115	10	0.51	37600300000
32	124	10	0.55	37600320000
38	136	10	0.65	37600380000
40	135	10	0.68	37600400000
45	143	10	0.76	37600450000
50	155	10	0.84	37600500000
55	173	10	0.9	37600550000
60	185	10	1.01	37600600000
64	198	10	1.09	37600650000
70	205	10	1.17	37600700000
75	218	10	1.25	37600750000
80	230	10	1.34	37600800000
90	115	10	1.85	37600900000
100	115	10	2.04	37601000000
110	275	10	2.24	37601100000
120	320	10	2.44	37601200000
125	338	10	2.54	37601250000
130	345	10	2.92	37601300000
140	360	10	3.13	37601400000
150	385	10	3.35	37601500000
160	410	10	3.57	37601600000
170	435	10	3.72	37601700000
180	455	10	4.01	37601800000
202	460	5	5.51	37602000000
275	700	5	7.52	37602750000
300	700	5	8.2	37603000000

Fields without a value (—) are not specified in the manufacturer's factsheet. Overpressure and underpressure values are recommended operating limits; the product can be subjected to higher loads on request. Bend radius is measured along the inside of the hose bend.

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