

ABRASION-RESISTANT · 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 375

Abrasion-resistant metal hose — ATEX Zone 20-21-22, conductive, up to +120 °C



Abrasion-resistant metal hose, electrically conductive and heat-resistant up to +120 °C. ATEX-approved per 2014/34/EU + TRGS 727 for Zone 20, 21 and 22 inside. Designed for transport of abrasive materials under demanding industrial conditions — wood chips, sawdust, oil mist and similar. The standard variant is the lighter version of the METAL HOSE range (vs. INOX 376 which covers +600 °C).

R: $<10^6 \Omega$

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

Media: Dust, Gas

Temp: 0 °C to 120 °C

✓ Cut to length

APPLICATIONS

- Wood chip and sawdust extraction
- Wood dust extraction from milling machines
- Oil mist extraction
- Extraction units in wood industry
- Packaging machines with hot operations
- Filter systems in demanding environments

Technical specifications

Material	Galvanised steel — fully metallic construction
Colour	Silver-grey (galvanised steel)
Wall construction	Spiralled galvanised steel, airtight rolled
Spiral material	galvanised steel
Conveying media	Dust, Gas
Temperature range	0 °C – 120 °C
Short-term peak	120 °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	3750000

Standards and compliance

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

Dimensions and ordering

The hose is supplied in 38 standard sizes from inner Ø 20.0 mm to 500.0 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	0.34	37500200000
25	98	10	0.42	37500250000
30	115	10	0.5	37500300000
32	124	10	0.53	37500320000
35	133	10	0.57	37500350000
40	135	10	0.7	37500400000
45	143	10	0.73	37500450000
50	155	10	0.81	37500500000
55	173	10	0.91	37500550000
60	185	10	1.01	37500600000
65	198	10	1.09	37500650000
70	205	10	1.17	37500700000
75	218	10	1.25	37500750000
80	230	10	1.33	37500800000
90	235	10	1.78	37500900000
100	270	10	1.98	37501000000
110	275	10	2.17	37501100000
120	320	10	2.36	37501200000
125	338	10	2.45	37501250000
130	345	10	2.86	37501300000
140	360	10	3.07	37501400000
150	385	10	3.29	37501500000
160	410	10	3.5	37501600000
170	435	10	3.71	37501700000
175	189	10	3.7	37501750000
180	455	10	3.93	37501800000
190	455	10	4.5	37501900000
200	460	10	5.4	37502000000
225	518	10	5.86	37502250000
250	575	5	6.5	37502500000
275	633	5	7.13	37502750000
280	690	15	7.27	37502800000

Inner Ø [mm]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Article no.
300	700	5	7.78	37503000000
315	730	15	8.16	37503150000
350	1.2	5	13.4	37503500000
400	1.4	5	15.2	37504000000
450	1.6	5	17.1	37504500000
500	1.8	5	19.1	37505000000

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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This datasheet is generated automatically from Particulair product data. All specifications are taken from the manufacturer's factsheet and are subject to change without notice. Prices and availability provided on request.