

HIGH-TEMPERATURE · II 2D — pneumatisk transport af brændbare støv (Zone 20/21/22 indvendig)

METAL HOSE 375 HT

Heat-resistant metal hose — up to +400 °C, conductive, ATEX-approved for Zone 20-22



Heat-resistant metal hose up to +400 °C, abrasion-resistant and electrically conductive. ATEX-approved for pneumatic transport of combustible dust in Zone 20, 21 and 22 (interior). Designed for conveying abrasive media under demanding operating conditions — heat, static-electricity risk and wear combined. The only one in the range that tolerates both +400 °C continuous AND ATEX zones at the same time.

R: metallic Ω

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

Media: Gas, Dust

Temp: 0 °C to 400 °C

✓ Cut to length

APPLICATIONS

- Pneumatic conveyance of hot abrasive media in ATEX zones
- Aluminium smelters and hot process plants
- Hot dust extraction in Zone 20-22
- Filter vacuum cleaners at hot processes
- Pneumatics on granulate dryers
- Oil mist extraction at high temperatures

Technical specifications

Material	Steel construction, heat-resistant
Colour	Steel grey
Wall construction	Spiral-folded steel, flexible high-temperature construction
Spiral material	steel spiral construction
Conveying media	Gas, Dust
Temperature range	0 °C – 400 °C
Short-term peak	400 °C
Electrical resistance	metallic Ω
ATEX classification	II 2D — pneumatisk transport af brændbare støv (Zone 20/21/22 indvendig) ATEX 2014/34/EU (1999/92/EC) + TRGS 727
Cut to length	Yes
Manufacturer SKU	3752880

Standards and compliance

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

Dimensions and ordering

The hose is supplied in 34 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]	Roll [m]	Article no.
20	90	25	0.35	10	37500202880
25	98	25	0.43	10	37500252880
30	115	25	0.51	10	37500302880
32	124	25	0.53	10	37500322880
35	133	25	0.58	10	37500352880
38	136	25	0.63	10	37500382880
40	135	25	0.69	10	37500402880
45	143	25	0.75	10	37500452880
50	155	25	0.82	10	37500502880
55	173	25	0.9	10	37500552880
60	185	25	1.01	10	37500602880
65	198	25	1.09	10	37500652880
70	205	25	1.17	10	37500702880
75	218	25	1.25	10	37500752880
80	230	25	1.34	10	37500802880
90	235	25	1.82	10	37500902880
100	250	25	2.01	10	37501002880
102	250	25	2.08	-	37501022880
110	275	25	2.21	10	37501102880
120	320	25	2.4	10	37501202880
125	338	25	2.5	10	37501252880
130	345	25	2.89	10	37501302880
140	360	25	3.1	10	37501402880
150	385	25	3.32	10	37501502880
160	410	25	3.54	10	37501602880
170	435	25	3.72	-	37501702880
180	455	25	3.97	10	37501802880
202	460	20	5.37	5, 10	37502002880
225	518	20	6.02	5, 10	37502252880
250	575	20	6.68	5	37502502880
275	633	20	7.33	5	37502752880
280	645	20	7.6	-	37502802880

Inner Ø [mm]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
300	700	20	7.99	5	37503002880
500	1.92	8	19.9	-	37505002880

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.