

Electrically conductive polyurethane hose, medium-heavy



Application

- flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
- industrial vacuum cleaners, vacuum cleaners
- explosion hazard area
- Coal mine, mine, tunnelling: ventilation, methane extraction

Properties

- highly abrasion resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility

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- electrically conductive wall: electrical and surface resistance $<10^3\Omega$ (according to NFPA 652 $<10^6\Omega$)
- 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), aspiration of combustible dusts (Zone 22 inside),
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: for conveying for flammable liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases)
- according to DIN 26057 Type 2
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- wall: electrically conductive premium ester-polyurethane (Pre-PUR®)
- wall thickness 0,7 mm approx.

Delivery variants

- further diameters and lengths available on request
- black (standard)
- customer-specific branding

Temperature Range

- 40°C to 90°C

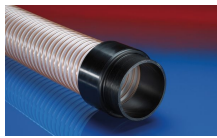
I.D. (in / mm)	outer Ø (mm)	Pressure DIN 26057 (50% Elongation) (bar)	Vacuum DIN 26057 (axially fixed) (bar)	Bending Radius (mm)	Weight (kg/m)	Dimensions in Stock (m)	Order No.
1 / 25	32.00	2,445 (4,06)	0,460 (1,00)	23.00	0.20	10	351-0025-1003
- / 30	38.00	1,945 (3,22)	0,440 (1,00)	26.00	0.26	10	351-0030-1003
1,25 / 32	40.00	1,830 (3,03)	0,430 (1,00)	27.00	0.28	10	351-0032-1003
1,5 / 38	46.00	1,550 (2,56)	0,400 (1,00)	31.00	0.32	10	351-0038-1003
- / 40	48.00	1,475 (2,44)	0,390 (1,00)	32.00	0.34	10	351-0040-1003
1,75 / 44-45	53.00	1,315 (2,18)	0,360 (1,00)	35.00	0.38	10	351-0045-1003
2 / 50-51	58.00	1,190 (1,96)	0,340 (1,00)	38.00	0.41	10	351-0050-1003
2,36 / 60	68.00	0,995 (1,64)	0,265 (0,84)	44.00	0.49	10	351-0060-1003
2,5 / 63-65	73.00	0,920 (1,52)	0,235 (0,71)	47.00	0.53	10	351-0065-1003
- / 70	79.00	0,855 (1,41)	0,195 (0,84)	50.00	0.57	10	351-0070-1003
3 / 75-76	84.00	0,800 (1,32)	0,180 (0,73)	53.00	0.61	10	351-0075-1003
- / 80	89.00	0,750 (1,24)	0,165 (0,64)	56.00	0.65	10	351-0080-1003
3,5 / 89-90	99.00	0,670 (1,10)	0,145 (0,51)	62.00	0.73	10	351-0090-1003
4 / 100-102	109.00	0,605 (1,00)	0,115 (0,41)	68.00	0.79	10	351-0100-1003
- / 110	119.00	0,550 (0,91)	0,100 (0,34)	74.00	0.87	10	351-0110-1003
4,72 / 120	129.00	0,505 (0,83)	0,085 (0,28)	80.00	0.94	10	351-0120-1003
5 / 125-127	134.00	0,485 (0,80)	0,075 (0,26)	83.00	0.98	10	351-0125-1003
5,5 / 140	149.00	0,430 (0,71)	0,075 (0,21)	92.00	1.09	10	351-0140-1003

I.D. (in / mm)	outer Ø (mm)	Pressure DIN 26057 (50% Elongation) (bar)	Vacuum DIN 26057 (axially fixed) (bar)	Bending Radius (mm)	Weight (kg/m)	Dimensions in Stock (m)	Order No.
6 / 150-152	159.00	0,405 (0,67)	0,070 (0,37)	98.00	1.33	10	351-0150-1003
6,3 / 160	169.00	0,380 (0,63)	0,060 (0,32)	104.00	1.41	10	351-0160-1003
7 / 178-180	189.00	0,335 (0,56)	0,050 (0,24)	116.00	1.59	10	351-0180-1003
8 / 200-203	209.00	0,305 (0,50)	0,050 (0,19)	128.00	1.76	10	351-0200-1003
- / 250	259.00	0,245 (0,40)	0,020 (0,11)	158.00	2.43	10	351-0250-1003

Accessories



CLAMP 212 EC



CONNECT 242



CONNECT 223



CONNECT 245



CONNECT 240 + 241
AS



CONNECT 240 EC
AS



CONNECT 270-271



CONNECT THREAD
FITTING 234



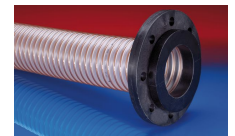
CLAMP 212



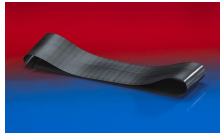
CLAMP 210 BRIDGE
CLAMP



CLAMP 213



CONNECT 244



CONNECT 228



CONNECT MOULD
ASSEMBLY 233



CLAMP 217



CONNECT 246 AS



CONNECT 243