

Electrically conductive suction and blast hose; PE < 10³ Ω, highly flexible + compressible, highly chemical resistant

Applications: Electrically conductive suction and blast hose, especially suitable:

- for transporting inflammable bulk materials and in areas liable to contain explosive mixtures (explosion protection)
- for aggressive solids such as dust, powder and fibres
- for aggressive gaseous media such as vapors and smoke
- for de-dusting and suction plants

Properties

- according to German TRBS 2153 electrically conductive wall: Electrical and surface resistance < 10³ Ω, recommended for transporting inflammable bulk materials
- super-light model

- highly flexible + compressible
- good resistance to mineral oils and gasoline
- good resistance to alkalis and acids
- extremely good resistance to chemicals
- small bending radius
- kink-proof
- free of softener and halogen
- gas and liquid tight
- light weight
- conforms to the requirements of the European ATEX Directive
- conform to RoHS guideline

Temperature Range

- -35 °C approx. to +80 °C approx.

Design, material

PROTAPE® tape hose

1. spring steel wire integrated in wall
2. extruded tape
wall: electrically conductive polyethylene (PE)
3. wall thickness 0.4 mm approx.

Delivery variants

- cut lengths and special lengths
- black (standard)
- customer-specific product marking
- customised connectors

I.D. mm	O.D. mm	Rec. operating limits		Bending Radius mm	Weight kg/m	Stock Lengths m	Further Production Lengths m	Order No.
		Overpressure bar	Vacuum bar					
40	47	0,460	0,280	47	0,300	10	-	322-0040-1003
50	58	0,370	0,240	58	0,180	10	-	322-0050-1003
55	63	0,340	0,220	63	0,190	-	10	322-0055-1003
60	68	0,305	0,190	68	0,210	10	-	322-0060-1003
65	73	0,285	0,170	73	0,230	-	10	322-0065-1003
70	78	0,260	0,140	78	0,250	-	10	322-0070-1003
75	83	0,250	0,130	83	0,260	10	-	322-0075-1003
80	88	0,230	0,120	88	0,290	10	-	322-0080-1003
90	98	0,200	0,100	98	0,310	10	-	322-0090-1003
100	108	0,185	0,080	108	0,370	10	-	322-0100-1003
110	118	0,170	0,075	118	0,400	10	-	322-0110-1003
115	123	0,160	0,070	123	0,410	-	10	322-0115-1003
120	128	0,155	0,070	128	0,440	-	10	322-0120-1003
125	133	0,150	0,055	133	0,470	10	-	322-0125-1003
130	138	0,145	0,055	138	0,490	-	10	322-0130-1003
140	148	0,135	0,050	148	0,520	10	-	322-0140-1003
150	158	0,125	0,050	158	0,550	10	-	322-0150-1003
160	168	0,115	0,045	168	0,580	10	-	322-0160-1003
175	183	0,110	0,040	183	0,630	-	10	322-0175-1003
180	188	0,105	0,035	188	0,670	-	10	322-0180-1003
200	208	0,090	0,035	208	0,730	10	-	322-0200-1003
225	233	0,085	0,025	233	0,880	-	10	322-0225-1003
250	258	0,075	0,015	258	0,990	-	10	322-0250-1003
275	283	0,070	0,015	283	1,200	-	10	322-0275-1003
280	288	0,065	0,015	288	1,240	-	10	322-0280-1003
300	309	0,060	0,010	309	1,250	-	10	322-0300-1003

Other diameters and lengths available on request. All values indicated here are approximate figures based on a temperature of 20 °C. Data subject to change without notice. Please also refer to our Technical Appendix on www.norres.com.



Accessories

13.1.0



NORCLAMP 212

13.6.0



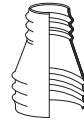
NORCLAMP 217

13.7.0



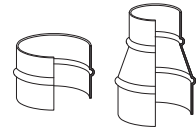
NORCLAMP 213

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NORCONNECT 223

13.18.0



NORCONNECT 270-271