

Electrically conductive polyethylene hose, light

Applications

- flexible hose/ ducting for gases and for dust, powder, fibres
- extraction arm
- galvanic extraction
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- explosion hazard area
- Coal mine, mine, tunneling: ventilation, methane extraction

Properties

- light weight
- highly flexible + compressible
- good resistance to alkalis and acids
- extremely good resistance to chemicals
- electrically conductive wall: electrical and surface resistance $<10^3 \Omega$
- in accordance with ATEX 2014/34/EU and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside), 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)
- conforms to RoHS guideline

Temperature Range

- 35°C to 80°C

Design, Material

patented PROTAPE® tape hose

- spring steel wire integrated in wall
- wall: electrically conductive polyethylene (PE)
- wall thickness 0,4 mm approx.

Delivery variants

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

I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
1,5 / 38	45	0,480	0,290	26	0,325	-	10	322-0038-1003
- / 40	47	0,460	0,280	27	0,300	10	-	322-0040-1003
1,75 / 44-45	53	0,415	0,260	30	0,240	-	10	322-0045-1003
2 / 50-51	58	0,370	0,240	33	0,180	10	-	322-0050-1003
2,36 / 60	68	0,305	0,190	38	0,210	10	-	322-0060-1003
2,5 / 63-65	73	0,285	0,170	41	0,230	-	10	322-0065-1003
- / 70	78	0,260	0,140	43	0,250	-	10	322-0070-1003
3 / 75-76	83	0,250	0,130	46	0,260	10	-	322-0075-1003
- / 80	88	0,230	0,120	48	0,290	10	-	322-0080-1003
3,5 / 89-90	98	0,200	0,100	53	0,310	10	-	322-0090-1003
4 / 100-102	108	0,185	0,080	58	0,370	10	-	322-0100-1003
- / 110	118	0,170	0,075	63	0,400	10	-	322-0110-1003
4,5 / 114-115	123	0,160	0,070	66	0,410	-	10	322-0115-1003
4,72 / 120	128	0,155	0,070	68	0,440	-	10	322-0120-1003
5 / 125-127	133	0,150	0,055	71	0,470	10	-	322-0125-1003
- / 130	138	0,145	0,055	73	0,490	-	10	322-0130-1003
5,5 / 140	148	0,135	0,050	78	0,520	10	-	322-0140-1003
6 / 150-152	158	0,125	0,050	83	0,550	10	-	322-0150-1003
6,3 / 160	168	0,115	0,045	88	0,580	10	-	322-0160-1003
6,5 / 165	173	0,110	0,045	91	0,595	-	10	322-0165-1003
- / 170	178	0,105	0,045	93	0,610	-	10	322-0170-1003
- / 175	183	0,110	0,040	96	0,630	-	10	322-0175-1003
7 / 178-180	188	0,105	0,035	98	0,670	-	10	322-0180-1003
8 / 200-203	208	0,090	0,035	108	0,730	10	-	322-0200-1003
- / 225	233	0,085	0,025	121	0,880	-	10	322-0225-1003
9 / 228-229	236	0,085	0,025	122	0,895	-	10	322-0228-1003

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. Additional technical data at www.norres.com. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.

I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
- / 250	258	0,075	0,015	133	0,990	10	-	322-0250-1003
10 / 254	262	0,075	0,015	135	1,025	-	10	322-0254-1003
- / 275	283	0,070	0,015	146	1,200	-	10	322-0275-1003
11 / 280	288	0,065	0,015	148	1,240	-	10	322-0280-1003
- / 300	309	0,060	0,010	159	1,250	10	-	322-0300-1003
12 / 305	315	0,060	0,010	162	1,255	-	10	322-0305-1003

Accessories



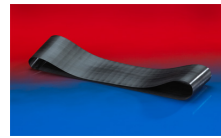
CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT 223



CONNECT 270-271

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