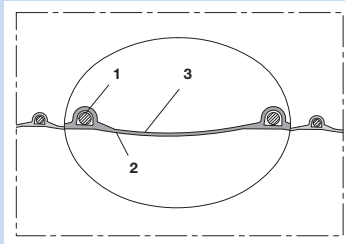


PROTAPE® PE 322 EC



Electrically conductive suction and blast hose; PE $<10^3 \Omega$, super-light + compressible, highly chemical resistant

Applications

- extraction arms
- chemical industry: extraction of chemical vapours, vapour return hose at loading arms, paint steam extraction, spray mist extraction
- extraction or conveying in explosion hazard areas, electrostatic discharging/ antistatic/ electrically conductive hoses

Properties

- according to German TRBS 2153 electrically conductive wall: Electrical and surface resistance $<10^3 \Omega$, recommended for transporting inflammable bulk materials
- super-light model

- highly flexible + compressible
- good resistance to alkalis and acids
- extremely good resistance to chemicals
- small bending radiuses
- 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 to 80°C

Design, Material

patented 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

- further diameters and lengths available on request
- black (standard)
- customer-specific product marking
- customised connectors

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	0,325	-	10	322-0038-1003
- / 40	47	0,460	0,280	27,0	0,300	10	-	322-0040-1003
1,75 / 44-45	53	0,415	0,260	30,0	0,240	-	10	322-0045-1003
2 / 50-51	58	0,370	0,240	33,0	0,180	10	-	322-0050-1003
2,36 / 60	68	0,305	0,190	38,0	0,210	10	-	322-0060-1003
2,5 / 63-65	73	0,285	0,170	40,5	0,230	-	10	322-0065-1003
- / 70	78	0,260	0,140	43,0	0,250	-	10	322-0070-1003
3 / 75-76	83	0,250	0,130	45,5	0,260	10	-	322-0075-1003
- / 80	88	0,230	0,120	48,0	0,290	10	-	322-0080-1003
3,5 / 89-90	98	0,200	0,100	53,0	0,310	10	-	322-0090-1003
4 / 100-102	108	0,185	0,080	58,0	0,370	10	-	322-0100-1003
- / 110	118	0,170	0,075	63,0	0,400	10	-	322-0110-1003
4,5 / 114-115	123	0,160	0,070	65,5	0,410	-	10	322-0115-1003
4,72 / 120	128	0,155	0,070	68,0	0,440	-	10	322-0120-1003
5 / 125-127	133	0,150	0,055	70,5	0,470	10	-	322-0125-1003
- / 130	138	0,145	0,055	73,0	0,490	-	10	322-0130-1003
5,5 / 140	148	0,135	0,050	78,0	0,520	10	-	322-0140-1003
6 / 150-152	158	0,125	0,050	83,0	0,550	10	-	322-0150-1003
6,3 / 160	168	0,115	0,045	88,0	0,580	10	-	322-0160-1003
6,5 / 165	173	0,110	0,045	90,5	0,595	-	10	322-0165-1003
- / 170	178	0,105	0,045	93,0	0,610	-	10	322-0170-1003
- / 175	183	0,110	0,040	95,5	0,630	-	10	322-0175-1003
7 / 178-180	188	0,105	0,035	98,0	0,670	-	10	322-0180-1003
8 / 200-203	208	0,090	0,035	108,0	0,730	10	-	322-0200-1003
- / 225	233	0,085	0,025	120,5	0,880	-	10	322-0225-1003
9 / 228-229	236	0,085	0,025	122,0	0,895	-	10	322-0228-1003