

PROTAPE® PE 322 EC

Electrically conductive polyethylene hose, light weight

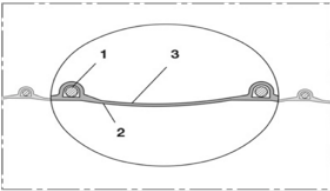
- Applications:**
flexible hose/ ducting for gases and for dust, powder, fibers
extraction arm
galvanic extraction
chemical industry: chemical vapors, vapor return hose at loading arm, paint steam, spray mist extraction
explosion hazard area
Coal mine, mine, tunneling: ventilation, methane extraction

- Properties:**
light weight
highly flexible + compressible
good resistance to alkalis and acids
extremely good resistance to chemicals
electrically conductive wall: electrical and surface resistance <10³ Ω
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), 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:
-30°F to 175°F

- Design, material:**
patented PROTAPE® tape hose
1. spring steel wire integrated in the wall
2. wall: electrically conductive polyethylene (PE)
3. wall thickness 0.02 inch approximate

- Delivery variants:**
further diameters and lengths available on request
black (standard)
customer-specific branding



I.D. In/mm	O.D. in	Pressure psi	Vacuum DIN inHg	Bending Radius in	Weight lbs./ft	Stock length ft	Order No.	Order No.	Article Name	suitable fo
2 / 50-51	2.28	5.50 (-)	7.10 (-)	1.30	0.120	25	322-0050-1003	32200501003-0000002500	PROTAPE® PE 322 EC	Yes
3 / 75-76	3.27	3.70 (-)	3.85 (-)	1.79	0.175	25	322-0075-1003	32200751003-0000002500	PROTAPE® PE 322 EC	Yes
3.5 / 89-90	3.86	3.05 (-)	2.95 (-)	2.09	0.210	25	322-0090-1003	32200901003-0000002500	PROTAPE® PE 322 EC	Yes
4 / 100-102	4.25	2.75 (-)	2.35 (-)	2.28	0.250	25	322-0100-1003	32201001003-0000002500	PROTAPE® PE 322 EC	Yes
5 / 125-127	5.24	2.25 (-)	1.60 (-)	2.78	0.315	25	322-0125-1003	32201251003-0000002500	PROTAPE® PE 322 EC	Yes
5.5 / 140	5.83	1.95 (-)	1.50 (-)	3.07	0.350	25	322-0140-1003	32201401003-0000002500	PROTAPE® PE 322 EC	Yes
6 / 150-152	6.22	1.80 (-)	1.50 (-)	3.27	0.370	25	322-0150-1003	32201501003-0000002500	PROTAPE® PE 322 EC	No
7 / 178-180	7.40	1.50 (-)	1.05 (-)	3.86	0.450	25	322-0180-1003	32201801003-0000002500	PROTAPE® PE 322 EC	No
8 / 200-203	8.19	1.40 (-)	1.05 (-)	4.25	0.490	25	322-0200-1003	32202001003-0000002500	PROTAPE® PE 322 EC	No