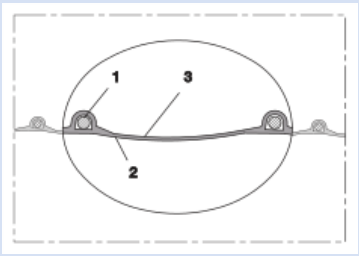
PROTAPE® PE 322 EC (XLD)



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, tunnelling: ventilation, methane extraction

Properties
- lightweight
- highly flexible + compressible
- good resistance to alkalis and acids
- extremely good resistance to chemicals
- electrically conductive wall: electrical and surface resistance <10^3 Ω (according to NFPA 652 <10^6 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),
- 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)
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature range
- -30 °F to 175 °F

Design
- PROTAPE® tape hose
- spring steel wire integrated in wall
- wall: electrically conductive polyethylene (PE)
- wall thickness 0.012 inch

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

I.D.	outer Ø	Pressure	Vacuum	Bending radius	Weight	Dimensions in Stock	Production lengths	Order No.
(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	(ft)	
- / 40	1.850	6.817	8.268	1.063	0.101	-	25	322-0040-1003
2 / 50-51	2.283	5.512	7.087	1.299	0.121	25	-	322-0050-1003
2,36 / 60	2.677	4.569	5.611	1.496	0.141	-	25	322-0060-1003
3 / 75-76	3.268	3.699	3.839	1.811	0.175	25	-	322-0075-1003
- / 80	3.465	3.481	3.544	1.890	0.195	-	25	322-0080-1003
3,5 / 89-90	3.858	3.046	2.953	2.087	0.208	25	-	322-0090-1003
4 / 100-102	4.252	2.756	2.362	2.283	0.249	25	-	322-0100-1003
- / 110	4.646	2.538	2.215	2.480	0.269	-	25	322-0110-1003
4,72 / 120	5.039	2.321	2.067	2.677	0.296	-	25	322-0120-1003
5 / 125-127	5.236	2.248	1.624	2.795	0.316	25	-	322-0125-1003
5,5 / 140	5.827	1.958	1.477	3.071	0.349	25	-	322-0140-1003
6 / 150-152	6.220	1.813	1.477	3.268	0.370	25	-	322-0150-1003
6,3 / 160	6.614	1.740	1.329	3.465	0.390	-	25	322-0160-1003
7 / 178-180	7.402	1.523	1.034	3.858	0.450	25	-	322-0180-1003
8 / 200-203	8.189	1.378	1.034	4.252	0.491	25	-	322-0200-1003
- / 250	10.157	1.088	0.443	5.236	0.665	-	25	322-0250-1003

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at www.norres.com/us/technology/. NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68 °F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.

2026/13

PROTAPE® PE 322 EC (XLD)

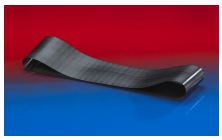
Accessories


CONNECT 223


CONNECT 270-271


CLAMP 212


CLAMP 213


CONNECT 228


CLAMP 217

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at www.norres.com/us/technology/. NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68 °F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.

2026/13