

## **PROTAPE® PE 322 EC (XLD) Electrically conductive polyethylene hose, light**



### **Technical specifications:**

#### **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, tunnelling: 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  $<10^3\Omega$  (according to NFPA 652  $<10^6\Omega$ )
- 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**

- -35°C to 80°C

#### **DELIVERY VARIANTS**

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

#### **DESIGN**

- PROTAPE® tape hose
- 1. spring steel wire integrated in wall
- 2. wall: electrically conductive polyethylene (PE)
- 3. wall thickness 0,3mm

**Temperature:** -35°C/+80°C

**Wall thickness:** 0,3 mm

**Coil length:** 10 m

On stock at the manufacturer, short delivery time with regular shipments

DN (mm)	Outer diameter (mm)	Pressure (bar)	Vacuum (bar)	Bending Radius (mm)	kg/m	Article code
40	47.00	0,47	0,28	27.00	0.15	322-0040-1003
50-51	58.00	0,38	0,24	33.00	0.18	322-0050-1003
60	68.00	0,315	0,19	38.00	0.21	322-0060-1003
75-76	83.00	0,255	0,13	46.00	0.26	322-0075-1003
80	88.00	0,24	0,12	48.00	0.29	322-0080-1003
89-90	98.00	0,21	0,1	53.00	0.31	322-0090-1003
100-102	108.00	0,19	0,08	58.00	0.37	322-0100-1003
110	118.00	0,175	0,075	63.00	0.40	322-0110-1003
120	128.00	0,16	0,07	68.00	0.44	322-0120-1003
125-127	133.00	0,155	0,055	71.00	0.47	322-0125-1003
140	148.00	0,135	0,05	78.00	0.52	322-0140-1003
150-152	158.00	0,125	0,05	83.00	0.55	322-0150-1003
160	168.00	0,12	0,045	88.00	0.58	322-0160-1003
178-180	188.00	0,105	0,035	98.00	0.67	322-0180-1003
200-203	208.00	0,095	0,035	108.00	0.73	322-0200-1003
250	258.00	0,075	0,015	133.00	0.99	322-0250-1003

