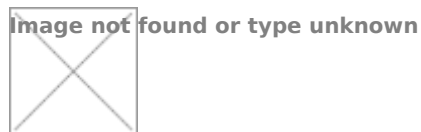


PROTAPE® PE 322 EC (XLD) Electrically conductive polyethylene hose, light



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 |

