

CP PE 457 EC Electrically conductive polyethylene clamp profile hose (clip hose)



Image not found or type unknown

Technical specifications:

APPLICATIONS

- flexible hose/ ducting for gases and for dust, powder, fibres
- extraction arm
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- explosion hazard area

PROPERTIES

- abrasion protection via external clamp profile
- highly flexible + compressible 4:1
- secure clamping of the wall within the clamp profile
- 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: aspiration of combustible dusts (Zone 22 inside), 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)
- stainless steel (INOX) clamp profile

DESIGN

- CP construction
- 1. clamp profile supporting spiral: galvanised steel
- 2. wall: electrically conductive polyethylene (PE)

Temperature: -35 °C / +80 °C

Construction: Elektromosan vezetőképés PE fólia

Inside: Fekete PE

Outside: Külső hoganyzott acél spirállal

Coils: 3 and 6 m – also possible different lengths

electrical conductivity: $<10^{-3} \Omega$

Will be manufactured with short delivery time. MOQ 3 m

| Inside diameter (mm) | Outer diameter (mm) | Working pressure (bar) | Vacuum (bar) | Bending radius (mm) | Article nr. |
|-------------------------|------------------------|---------------------------|--------------|------------------------|---------------|
| 50-51 | 62 | 0,49 | 0,27 | 18 | 457-0050-1003 |
| 55 | 67 | 0,46 | 0,25 | 20 | 457-0055-1003 |
| 60 | 72 | 0,44 | 0,22 | 20 | 457-0060-1003 |
| 63-65 | 77 | 0,42 | 0,2 | 22 | 457-0065-1003 |
| 70 | 82 | 0,4 | 0,18 | 22 | 457-0070-1003 |
| 75-76 | 87 | 0,38 | 0,16 | 24 | 457-0075-1003 |
| 80 | 92 | 0,365 | 0,14 | 24 | 457-0080-1003 |
| 89-90 | 102 | 0,34 | 0,1 | 26 | 457-0090-1003 |
| 100-102 | 112 | 0,225 | 0,085 | 28 | 457-0100-1003 |
| 110 | 122 | 0,21 | 0,075 | 30 | 457-0110-1003 |
| 114-115 | 127 | 0,205 | 0,07 | 32 | 457-0115-1003 |
| 120 | 132 | 0,2 | 0,065 | 32 | 457-0120-1003 |
| 125-127 | 137 | 0,195 | 0,06 | 34 | 457-0125-1003 |
| 150-152 | 162 | 0,12 | 0,035 | 38 | 457-0150-1003 |
| 160 | 172 | 0,115 | 0,03 | 40 | 457-0160-1003 |
| 180 | 192 | 0,11 | 0,025 | 44 | 457-0180-1003 |
| 200-203 | 212 | 1 | 0,02 | 48 | 457-0200-1003 |
| 250 | 262 | 0,07 | 0,015 | 58 | 457-0250-1003 |
| 254 | 266 | 0,065 | 0,015 | 59 | 457-0254-1003 |
| 300 | 312 | 0,06 | 0,01 | 68 | 457-0300-1003 |
| 305 | 317 | 0,055 | 0,01 | 69 | 457-0305-1003 |
| 315 | 327 | 0,05 | 0,01 | 71 | 457-0315-1003 |
| 350 | 362 | 0,045 | 0,01 | 78 | 457-0350-1003 |





TRIASZ-TÖMLŐ KFT.

