

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



### **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





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