



Electrically conductive clamp profile hose (clip hose), double-layer, highly chemical resistant (up to +518°F)

#### Applications

- flexible hose/ ducting for hot and cold gases and for dust, powder, fibers
- chemical industry: chemical vapors, vapor return hose at loading arm, paint steam, spray mist extraction
- explosion hazard area

#### Properties

- abrasion protection via external clamp profile
- secure clamping of the wall within the clamp profile
- highly flexible + compressible 4:1

- very good heat resistance
- anti-adhesive
- good resistance to alkalis and acids
- surface resistance PTFE film <10<sup>6</sup>
- extremely good resistance to chemicals
- 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

- 240°F to 480°F
- short time to 520°F

#### Design

- CP construction
- Clamp profile supporting spiral: all-stainless steel (INOX)
- wall: interior semi-conducting PTFE foil, exterior special-coated glass fabric
- TEFLON® is a registered trademark of DuPont.

#### Delivery variants

- further diameters and lengths available on request

I.D. (in / mm)	outer Ø (in)	Pressure (psi)	Vacuum (inHG)	Bending radius (in)	Weight (lb/ft)	Dimensions in Stock (ft)	Order No.
2 / 50-51	2.441	5.947	8.859	0.709	0.410	25	471-0050-1003
- / 70	3.228	4.931	6.201	0.866	0.558	25	471-0070-1003
3 / 75-76	3.425	4.714	5.315	0.945	0.591	25	471-0075-1003
4 / 100-102	4.409	2.828	2.953	1.102	0.578	25	471-0100-1003
- / 110	4.803	2.683	2.510	1.181	0.638	-	471-0110-1003
4,5 / 114-115	5.000	2.611	2.362	1.260	0.665	12.5 25	471-0115-1003
4,72 / 120	5.197	2.538	2.215	1.260	0.692	-	471-0120-1003
6 / 150-152	6.378	1.595	1.181	1.496	0.578	12.5 25	471-0150-1003
6,3 / 160	6.772	1.523	1.034	1.575	0.612	-	471-0160-1003
8 / 200-203	8.346	1.305	0.738	1.890	0.759	12.5 25	471-0200-1003
- / 215	8.937	1.233	0.591	2.047	0.813	12.5 25	471-0215-1003
- / 300	12.283	0.798	0.295	2.677	1.129	-	471-0300-1003

#### Accessories



CLAMP 213



CONNECT 270-271



CLAMP 217



CLAMP 212



CONNECT 228