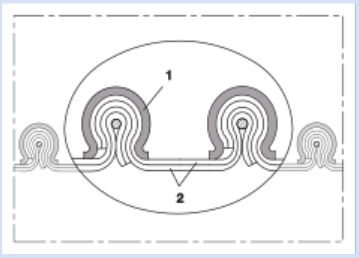
CP PTFE/GLASS-INOX 471 EC





Electrically conductive clamp profile hose (clip hose), double-layer, highly chemical resistant (up to +270 °C)

Applications
- flexible hose/ ducting for hot and cold gases and for dust, powder, fibres
- 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
- 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 $<10^6$
- 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
- -150 °C to 250 °C
- short time to 270 °C

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 (mm)	Pressure (bar)	Vacuum (bar)	Bending Radius (mm)	Weight (kg/m)	Dimensions in Stock (m)	Order No.
2 / 50-51	62.00	0,410	0,300	18.00	0.61	**6**	471-0050-1003
- / 70	82.00	0,340	0,210	22.00	0.83	**6**	471-0070-1003
3 / 75-76	87.00	0,325	0,180	24.00	0.88	**6**	471-0075-1003
4 / 100-102	112.00	0,195	0,100	28.00	0.86	**6**	471-0100-1003
- / 110	122.00	0,185	0,085	30.00	0.95	**3 6**	471-0110-1003
4,5 / 114-115	127.00	0,180	0,080	32.00	0.99	**3 6**	471-0115-1003
4,72 / 120	132.00	0,175	0,075	32.00	1.03	**3 6**	471-0120-1003
6 / 150-152	162.00	0,110	0,040	38.00	0.86	**3 6**	471-0150-1003
6,3 / 160	172.00	0,105	0,035	40.00	0.91	**3 6**	471-0160-1003
8 / 200-203	212.00	0,090	0,025	48.00	1.13	**3 6**	471-0200-1003
- / 215	227.00	0,085	0,020	52.00	1.21	**3 6**	471-0215-1003
- / 300	312.00	0,055	0,010	68.00	1.68	**3 6**	471-0300-1003

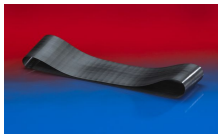
Accessories


CONNECT 270-271


CLAMP 213


CLAMP 217


CLAMP 212


CONNECT 228

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20 °C and are approx. data. Additional information at www.norres.com/en/technology/.