

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

Application

- 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

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- 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

- 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.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
2 / 50-51	62.00	0,410	0,300	18.00	0.61	6	471-0050-1003
- / 55	67.00	0,390	0,280	20.00	0.66	6	471-0055-1003
2,36 / 60	72.00	0,370	0,250	20.00	0.72	6	471-0060-1003
2,5 / 63-65	77.00	0,355	0,230	22.00	0.77	6	471-0065-1003
- / 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
- / 80	92.00	0,315	0,160	24.00	0.94	6	471-0080-1003
3,5 / 89-90	102.00	0,290	0,110	26.00	1.05	6	471-0090-1003
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
5 / 125-127	137.00	0,170	0,070	34.00	1.07	3 6	471-0125-1003
- / 130	142.00	0,165	0,060	34.00	1.11	3 6	471-0130-1003
5,5 / 140	152.00	0,160	0,050	36.00	1.19	3 6	471-0140-1003
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
6,5 / 165	177.00	0,100	0,035	41.00	0.94	3 6	471-0165-1003
- / 170	182.00	0,100	0,030	42.00	0.97	3 6	471-0170-1003
- / 175	187.00	0,100	0,030	44.00	0.99	3 6	471-0175-1003
7 / 178-180	192.00	0,095	0,030	44.00	1.02	3 6	471-0180-1003
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
- / 225	237.00	0,085	0,020	54.00	1.27	3 6	471-0225-1003
9 / 228-229	240.00	0,085	0,020	54.00	1.29	3 6	471-0228-1003

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(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
- / 250	262.00	0,065	0,020	58.00	1.40	3 6	471-0250-1003
10 / 254	266.00	0,065	0,020	59.00	1.42	3 6	471-0254-1003
- / 275	287.00	0,060	0,015	64.00	1.54	3 6	471-0275-1003
11 / 280	292.00	0,060	0,015	65.00	1.57	3 6	471-0280-1003
- / 300	312.00	0,055	0,010	68.00	1.68	3 6	471-0300-1003
12 / 305	317.00	0,055	0,010	69.00	1.72	3 6	471-0305-1003
- / 315	327.00	0,055	0,010	71.00	1.78	3 6	471-0315-1003
- / 325	337.00	0,055	0,010	74.00	1.85	3 6	471-0325-1003
13 / 330	342.00	0,050	0,010	75.00	1.87	3 6	471-0330-1003
- / 350	362.00	0,040	0,010	78.00	1.95	3 6	471-0350-1003
14 / 356	368.00	0,040	0,010	79.00	2.00	3 6	471-0356-1003
- / 375	387.00	0,040	0,010	83.00	2.13	3 6	471-0375-1003
- / 400	412.00	0,040	0,010	88.00	2.23	3 6	471-0400-1003
16 / 405-406	418.00	0,040	0,010	89.00	2.26	3 6	471-0406-1003
- / 450	462.00	0,035	0,005	98.00	2.50	3 6	471-0450-1003
18 / 457	469.00	0,035	0,005	100.00	2.54	3 6	471-0457-1003
- / 500	512.00	0,030	0,005	108.00	2.77	3 6	471-0500-1003
20 / 508	520.00	0,025	0,005	110.00	2.82	3 6	471-0508-1003
- / 600	612.00	0,020	0,005	128.00	3.32	3	471-0600-1003
24 / 610	622.00	0,020	0,005	130.00	3.38	3	471-0610-1003
- / 700	712.00	0,015	0,002	148.00	3.87	3	471-0700-1003
28 / 712	724.00	0,015	0,001	151.00	3.94	3	471-0712-1003
- / 750	762.00	0,015	0,001	158.00	4.15	3	471-0750-1003
- / 800	812.00	0,015	0,001	168.00	4.42	3	471-0800-1003
32 / 813-815	827.00	0,015	0,001	171.00	4.52	3	471-0815-1003
- / 900	912.00	0,015	0,001	188.00	5.07	3	471-0900-1003
36 / 915	927.00	0,015	0,001	191.00	5.14	3	471-0915-1003
- / 1000	1012.00	0,015	0,001	208.00	5.51	3	471-1000-1003
40 / 1016	1028.00	0,010	0,001	211.00	5.58	3	471-1016-1003

Accessories



CLAMP 217



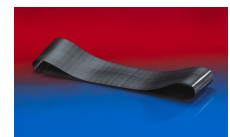
CLAMP 212



CONNECT 270-271



CLAMP 213



CONNECT 228