

CP PTFE/GLASS-INOX 471 EC

Electrically conductive clamp profile hose (clip hose), double-layer, highly chemical resistant (up to +520°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

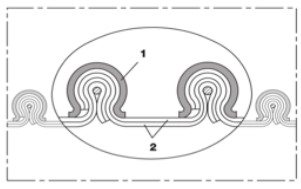
Properties:
abrasion protection via external clamp profile
secure clamping of the wall within the clamp profile
highly flexible + compressible 4:1
very good heat resistance
anti-adhesive
good resistance to alkalis and acids
extremely good resistance to chemicals
surface resistance PTFE film <10⁶ Ω
in 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

Temperature range:
-240°F to 480°F
short time to 520°F

Design, material:
CP construction
1. clamp profile supporting spiral: all-stainless steel (INOX)
2. wall: interior semi-conducting PTFE foil, exterior special-coated glass fabric

Delivery variants:
further diameters and lengths available on request



I.D. in/mm	O.D. in	Pressure psi	Vacuum DIN inHg	Bending Radius in	Weight lbs./ft	Stock length ft	Order No.	Order No.	Article Name
2 / 50-51	2.44	5.95	8.86	0.71	0.410	25	471-0050-1003	47100501003-0000002500	CP PTFE/GLASS-INOX 471 EC
- / 55	2.64	5.65	8.27	3/4	0.445	25	471-0055-1003	47100551003-0000002500	CP PTFE/GLASS-INOX 471 EC
2.5 / 63-65	3.03	5.15	6.79	0.85	0.515	25	471-0065-1003	47100651003-0000002500	CP PTFE/GLASS-INOX 471 EC
- / 70	3.20	4.95	6.20	7/8	0.560	25	471-0070-1003	47100701003-0000002500	CP PTFE/GLASS-INOX 471 EC
3 / 75-76	3.43	4.70	5.32	0.93	0.590	25	471-0075-1003	47100751003-0000002500	CP PTFE/GLASS-INOX 471 EC
3.5 / 89-90	4.00	4.20	3.25	1.02	0.705	25	471-0090-1003	47100901003-0000002500	CP PTFE/GLASS-INOX 471 EC
4 / 100-102	4.41	2.85	2.95	1.10	0.580	25	471-0100-1003	47101001003-0000002500	CP PTFE/GLASS-INOX 471 EC
4.5 / 114-115	5.00	2.60	2.36	1.24	0.665	12.5	471-0115-1003	47101151003-0000001250	CP PTFE/GLASS-INOX 471 EC
4.5 / 114-115	5.00	2.60	2.36	1.24	0.665	25	471-0115-1003	47101151003-0000002500	CP PTFE/GLASS-INOX 471 EC
5 / 125-127	5.39	2.45	2.07	1.32	0.720	12.5	471-0125-1003	47101251003-0000001250	CP PTFE/GLASS-INOX 471 EC
5 / 125-127	5.39	2.45	2.07	1.32	0.720	25	471-0125-1003	47101251003-0000002500	CP PTFE/GLASS-INOX 471 EC
- / 130	5.59	2.40	1.77	1.34	0.745	12.5	471-0130-1003	47101301003-0000001250	CP PTFE/GLASS-INOX 471 EC
- / 130	5.59	2.40	1.77	1.34	0.745	25	471-0130-1003	47101301003-0000002500	CP PTFE/GLASS-INOX 471 EC
5.5 / 140	6.00	2.30	1.48	1.42	0.800	12.5	471-0140-1003	47101401003-0000001250	CP PTFE/GLASS-INOX 471 EC
5.5 / 140	6.00	2.30	1.48	1.42	0.800	25	471-0140-1003	47101401003-0000002500	CP PTFE/GLASS-INOX 471 EC
6 / 150-152	6.38	1.60	1.18	1.50	0.580	12.5	471-0150-1003	47101501003-0000001250	CP PTFE/GLASS-INOX 471 EC
6 / 150-152	6.38	1.60	1.18	1.50	0.580	25	471-0150-1003	47101501003-0000002500	CP PTFE/GLASS-INOX 471 EC
6.5 / 165	6.97	1.45	1.03	1.61	0.630	12.5	471-0165-1003	47101651003-0000001250	CP PTFE/GLASS-INOX 471 EC
6.5 / 165	6.97	1.45	1.03	1.61	0.630	25	471-0165-1003	47101651003-0000002500	CP PTFE/GLASS-INOX 471 EC
- / 175	7.36	1.45	0.89	1.71	0.665	12.5	471-0175-1003	47101751003-0000001250	CP PTFE/GLASS-INOX 471 EC
- / 175	7.36	1.45	0.89	1.71	0.665	25	471-0175-1003	47101751003-0000002500	CP PTFE/GLASS-INOX 471 EC
7 / 178-180	7.56	1.40	0.89	1.73	0.685	12.5	471-0180-1003	47101801003-0000001250	CP PTFE/GLASS-INOX 471 EC
7 / 178-180	7.56	1.40	0.89	1.73	0.685	25	471-0180-1003	47101801003-0000002500	CP PTFE/GLASS-INOX 471 EC
8 / 200-203	8.35	1.30	0.74	1.89	0.760	12.5	471-0200-1003	47102001003-0000001250	CP PTFE/GLASS-INOX 471 EC
8 / 200-203	8.35	1.30	0.74	1.89	0.760	25	471-0200-1003	47102001003-0000002500	CP PTFE/GLASS-INOX 471 EC
- / 215	8.94	1.25	0.59	2.03	0.815	12.5	471-0215-1003	47102151003-0000001250	CP PTFE/GLASS-INOX 471 EC
- / 215	8.94	1.25	0.59	2.03	0.815	25	471-0215-1003	47102151003-0000002500	CP PTFE/GLASS-INOX 471 EC
9 / 228-229	9.45	1.25	0.59	2.13	0.865	12.5	471-0228-1003	47102281003-0000001250	CP PTFE/GLASS-INOX 471 EC
9 / 228-229	9.45	1.25	0.59	2.13	0.865	25	471-0228-1003	47102281003-0000002500	CP PTFE/GLASS-INOX 471 EC

10 / 254	10.47	0.95	0.59	2.32	0.955	12.5	471-0254-1003	47102541003-0000001250	CP PTFE/GLASS-INOX 471 EC
10 / 254	10.47	0.95	0.59	2.32	0.955	25	471-0254-1003	47102541003-0000002500	CP PTFE/GLASS-INOX 471 EC
- / 275	11.30	0.85	0.44	2.50	1.035	12.5	471-0275-1003	47102751003-0000001250	CP PTFE/GLASS-INOX 471 EC
- / 275	11.30	0.85	0.44	2.50	1.035	25	471-0275-1003	47102751003-0000002500	CP PTFE/GLASS-INOX 471 EC
11 / 280	11.50	0.85	0.44	2.54	1.055	12.5	471-0280-1003	47102801003-0000001250	CP PTFE/GLASS-INOX 471 EC
11 / 280	11.50	0.85	0.44	2.54	1.055	25	471-0280-1003	47102801003-0000002500	CP PTFE/GLASS-INOX 471 EC
12 / 305	12.48	0.80	0.30	2.72	1.150	12.5	471-0305-1003	47103051003-0000001250	CP PTFE/GLASS-INOX 471 EC
12 / 305	12.48	0.80	0.30	2.72	1.150	25	471-0305-1003	47103051003-0000002500	CP PTFE/GLASS-INOX 471 EC
- / 315	12.87	0.80	0.30	2.78	1.195	12.5	471-0315-1003	47103151003-0000001250	CP PTFE/GLASS-INOX 471 EC
- / 315	12.87	0.80	0.30	2.78	1.195	25	471-0315-1003	47103151003-0000002500	CP PTFE/GLASS-INOX 471 EC
- / 325	13.27	0.80	0.30	2.89	1.245	12.5	471-0325-1003	47103251003-0000001250	CP PTFE/GLASS-INOX 471 EC
- / 325	13.27	0.80	0.30	2.89	1.245	25	471-0325-1003	47103251003-0000002500	CP PTFE/GLASS-INOX 471 EC
13 / 330	13.46	0.75	0.30	2.93	1.255	12.5	471-0330-1003	47103301003-0000001250	CP PTFE/GLASS-INOX 471 EC
13 / 330	13.46	0.75	0.30	2.93	1.255	25	471-0330-1003	47103301003-0000002500	CP PTFE/GLASS-INOX 471 EC
14 / 356	14.49	0.60	0.30	3.11	1.340	12.5	471-0356-1003	47103561003-0000001250	CP PTFE/GLASS-INOX 471 EC
14 / 356	14.49	0.60	0.30	3.11	1.340	25	471-0356-1003	47103561003-0000002500	CP PTFE/GLASS-INOX 471 EC
- / 375	15.24	0.60	0.30	3.25	1.430	12.5	471-0375-1003	47103751003-0000001250	CP PTFE/GLASS-INOX 471 EC
- / 375	15.24	0.60	0.30	3.25	1.430	25	471-0375-1003	47103751003-0000002500	CP PTFE/GLASS-INOX 471 EC
16 / 405-406	16.46	0.60	0.30	3.50	1.520	12.5	471-0406-1003	47104061003-0000001250	CP PTFE/GLASS-INOX 471 EC
16 / 405-406	16.46	0.60	0.30	3.50	1.520	25	471-0406-1003	47104061003-0000002500	CP PTFE/GLASS-INOX 471 EC
18 / 457	18.46	0.50	0.15	3.92	1.705	12.5	471-0457-1003	47104571003-0000001250	CP PTFE/GLASS-INOX 471 EC
18 / 457	18.46	0.50	0.15	3.92	1.705	25	471-0457-1003	47104571003-0000002500	CP PTFE/GLASS-INOX 471 EC
20 / 508	20.47	0.35	0.15	4.31	1.890	12.5	471-0508-1003	47105081003-0000001250	CP PTFE/GLASS-INOX 471 EC
20 / 508	20.47	0.35	0.15	4.31	1.890	25	471-0508-1003	47105081003-0000002500	CP PTFE/GLASS-INOX 471 EC