

CP PTFE/HYP-INOX 472 EC

Electrically conductive clamp profile hose (clip hose), double-layer, highly chemical resistant (up to +340°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

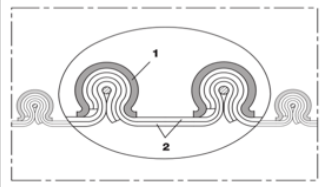
Properties:
abrasion protection via external clamp profile
secure clamping of the wall within the clamp profile
highly flexible + compressible 4:1
very good heat resistance
anti-adhesive
good resistance to alkalis and acids
extremely good resistance to chemicals
surface resistance PTFE film <10⁶ Ω
in 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:
-40°F to 340°F

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

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	suitable fo
2 / 50-51	2.44	5.95	8.86	0.71	0.565	25	472-0050-1003	47200501003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
- / 55	2.64	5.65	8.27	3/4	0.610	25	472-0055-1003	47200551003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
2.5 / 63-65	3.03	5.15	6.79	0.85	0.710	25	472-0065-1003	47200651003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
- / 70	3.20	4.95	6.20	7/8	0.760	25	472-0070-1003	47200701003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
3 / 75-76	3.43	4.70	5.32	0.93	0.815	25	472-0075-1003	47200751003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
3.5 / 89-90	4.00	4.20	3.25	1.02	0.960	25	472-0090-1003	47200901003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
4 / 100-102	4.41	2.85	2.95	1.10	0.780	25	472-0100-1003	47201001003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
4.5 / 114-115	5.00	2.60	2.36	1.24	0.880	12.5	472-0115-1003	47201151003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
4.5 / 114-115	5.00	2.60	2.36	1.24	0.880	25	472-0115-1003	47201151003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
5 / 125-127	5.39	2.45	2.07	1.32	0.960	12.5	472-0125-1003	47201251003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
5 / 125-127	5.39	2.45	2.07	1.32	0.960	25	472-0125-1003	47201251003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
- / 130	5.59	2.40	1.77	1.34	0.995	12.5	472-0130-1003	47201301003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
- / 130	5.59	2.40	1.77	1.34	0.995	25	472-0130-1003	47201301003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
5.5 / 140	6.00	2.30	1.48	1.42	1.070	12.5	472-0140-1003	47201401003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
5.5 / 140	6.00	2.30	1.48	1.42	1.070	25	472-0140-1003	47201401003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
6 / 150-152	6.38	1.60	1.18	1.50	0.800	12.5	472-0150-1003	47201501003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
6 / 150-152	6.38	1.60	1.18	1.50	0.800	25	472-0150-1003	47201501003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
6.5 / 165	6.97	1.45	1.03	1.61	0.880	12.5	472-0165-1003	47201651003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
6.5 / 165	6.97	1.45	1.03	1.61	0.880	25	472-0165-1003	47201651003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
- / 175	7.36	1.45	0.89	1.71	0.925	12.5	472-0175-1003	47201751003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
- / 175	7.36	1.45	0.89	1.71	0.925	25	472-0175-1003	47201751003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
7 / 178-180	7.56	1.40	0.89	1.73	0.955	12.5	472-0180-1003	47201801003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
7 / 178-180	7.56	1.40	0.89	1.73	0.955	25	472-0180-1003	47201801003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
8 / 200-203	8.35	1.30	0.74	1.89	1.060	12.5	472-0200-1003	47202001003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
8 / 200-203	8.35	1.30	0.74	1.89	1.060	25	472-0200-1003	47202001003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
- / 215	8.94	1.25	0.59	2.03	1.135	12.5	472-0215-1003	47202151003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
- / 215	8.94	1.25	0.59	2.03	1.135	25	472-0215-1003	47202151003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
9 / 228-229	9.45	1.25	0.59	2.13	1.205	12.5	472-0228-1003	47202281003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
9 / 228-229	9.45	1.25	0.59	2.13	1.205	25	472-0228-1003	47202281003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
10 / 254	10.47	0.95	0.59	2.32	1.335	12.5	472-0254-1003	47202541003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes

10 / 254	10.47	0.95	0.59	2.32	1.335	25	472-0254-1003	47202541003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
- / 275	11.30	0.85	0.44	2.50	1.445	12.5	472-0275-1003	47202751003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
- / 275	11.30	0.85	0.44	2.50	1.445	25	472-0275-1003	47202751003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
11 / 280	11.50	0.85	0.44	2.54	1.470	12.5	472-0280-1003	47202801003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
11 / 280	11.50	0.85	0.44	2.54	1.470	25	472-0280-1003	47202801003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
12 / 305	12.48	0.80	0.30	2.72	1.600	12.5	472-0305-1003	47203051003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
12 / 305	12.48	0.80	0.30	2.72	1.600	25	472-0305-1003	47203051003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
- / 315	12.87	0.80	0.30	2.78	1.655	12.5	472-0315-1003	47203151003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
- / 315	12.87	0.80	0.30	2.78	1.655	25	472-0315-1003	47203151003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
- / 325	13.27	0.80	0.30	2.89	1.700	12.5	472-0325-1003	47203251003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
- / 325	13.27	0.80	0.30	2.89	1.700	25	472-0325-1003	47203251003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
13 / 330	13.46	0.75	0.30	2.93	1.725	12.5	472-0330-1003	47203301003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
13 / 330	13.46	0.75	0.30	2.93	1.725	25	472-0330-1003	47203301003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
14 / 356	14.49	0.60	0.30	3.11	1.860	12.5	472-0356-1003	47203561003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
14 / 356	14.49	0.60	0.30	3.11	1.860	25	472-0356-1003	47203561003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
- / 375	15.24	0.60	0.30	3.25	1.955	12.5	472-0375-1003	47203751003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
- / 375	15.24	0.60	0.30	3.25	1.955	25	472-0375-1003	47203751003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
16 / 405-406	16.46	0.60	0.30	3.50	2.145	12.5	472-0406-1003	47204061003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
16 / 405-406	16.46	0.60	0.30	3.50	2.145	25	472-0406-1003	47204061003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
18 / 457	18.46	0.50	0.15	3.92	2.600	12.5	472-0457-1003	47204571003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
18 / 457	18.46	0.50	0.15	3.92	2.600	25	472-0457-1003	47204571003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes
20 / 508	20.47	0.35	0.15	4.31	2.640	12.5	472-0508-1003	47205081003-0000001250	CP PTFE/HYP-INOX 472 EC	Yes
20 / 508	20.47	0.35	0.15	4.31	2.640	25	472-0508-1003	47205081003-0000002500	CP PTFE/HYP-INOX 472 EC	Yes