

CP VITON® 459 EC

Electrically conductive clamp profile hose (clip hose), (up to +410°F)

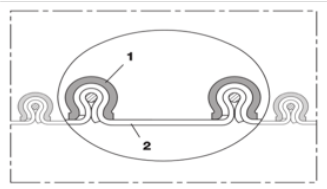
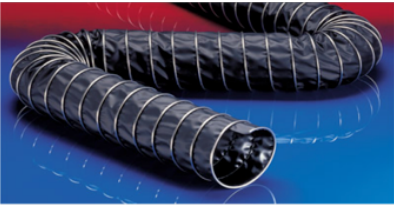
Applications:
flexible hose/ ducting for hot and cold gases and for dust, powder, fibers
chemical industry: chemical vapors, vapor return hose at loading arm, paint steam, spray mist extraction
explosion hazard area
bellows, compensators

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
good resistance to oil, gasoline, and chemicals
good resistance to alkalis and acids
electrically conductive wall: electrical and surface resistance <10⁴ 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:
-5°F to 410°F

Design, material:
CP construction
1. clamp profile supporting spiral: galvanized steel
2. wall: VITON® coated polyester 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	suitable fo
1.5 / 38	1.97	11.40	13.29	0.83	0.325	25	459-0038-0000	45900380000-0000002500	CP VITON® 459 EC	Yes
2 / 50-51	2.44	9.15	11.22	1.00	0.430	25	459-0050-0000	45900500000-0000002500	CP VITON® 459 EC	Yes
- / 55	2.64	8.70	10.34	1.04	0.470	25	459-0055-0000	45900550000-0000002500	CP VITON® 459 EC	Yes
2.5 / 63-65	3.03	7.90	8.56	1.16	0.545	25	459-0065-0000	45900650000-0000002500	CP VITON® 459 EC	Yes
- / 70	3.20	7.60	7.68	1.22	0.585	25	459-0070-0000	45900700000-0000002500	CP VITON® 459 EC	Yes
3 / 75-76	3.43	7.25	6.79	1.28	0.625	25	459-0075-0000	45900750000-0000002500	CP VITON® 459 EC	Yes
3.5 / 89-90	4.00	6.55	4.13	1.46	0.740	25	459-0090-0000	45900900000-0000002500	CP VITON® 459 EC	Yes
4 / 100-102	4.41	4.35	3.54	1.10	0.605	25	459-0100-0000	45901000000-0000002500	CP VITON® 459 EC	Yes
4.5 / 114-115	5.00	4.00	2.86	1.24	0.690	12.5	459-0115-0000	45901150000-0000001250	CP VITON® 459 EC	Yes
4.5 / 114-115	5.00	4.00	2.86	1.24	0.690	25	459-0115-0000	45901150000-0000002500	CP VITON® 459 EC	Yes
5 / 125-127	5.39	3.75	2.51	1.32	0.745	12.5	459-0125-0000	45901250000-0000001250	CP VITON® 459 EC	Yes
5 / 125-127	5.39	3.75	2.51	1.32	0.745	25	459-0125-0000	45901250000-0000002500	CP VITON® 459 EC	Yes
- / 130	5.59	3.70	2.21	1.34	0.775	12.5	459-0130-0000	45901300000-0000001250	CP VITON® 459 EC	Yes
- / 130	5.59	3.70	2.21	1.34	0.775	25	459-0130-0000	45901300000-0000002500	CP VITON® 459 EC	Yes
5.5 / 140	6.00	3.55	1.77	1.42	0.825	12.5	459-0140-0000	45901400000-0000001250	CP VITON® 459 EC	Yes
5.5 / 140	6.00	3.55	1.77	1.42	0.825	25	459-0140-0000	45901400000-0000002500	CP VITON® 459 EC	Yes
6 / 150-152	6.38	2.40	1.48	1.50	0.590	12.5	459-0150-0000	45901500000-0000001250	CP VITON® 459 EC	Yes
6 / 150-152	6.38	2.40	1.48	1.50	0.590	25	459-0150-0000	45901500000-0000002500	CP VITON® 459 EC	Yes
6.5 / 165	6.97	2.25	1.33	1.61	0.645	12.5	459-0165-0000	45901650000-0000001250	CP VITON® 459 EC	Yes
6.5 / 165	6.97	2.25	1.33	1.61	0.645	25	459-0165-0000	45901650000-0000002500	CP VITON® 459 EC	Yes
- / 175	7.36	2.20	1.18	1.71	0.685	12.5	459-0175-0000	45901750000-0000001250	CP VITON® 459 EC	Yes
- / 175	7.36	2.20	1.18	1.71	0.685	25	459-0175-0000	45901750000-0000002500	CP VITON® 459 EC	Yes
7 / 178-180	7.56	2.20	1.18	1.73	0.700	12.5	459-0180-0000	45901800000-0000001250	CP VITON® 459 EC	Yes
7 / 178-180	7.56	2.20	1.18	1.73	0.700	25	459-0180-0000	45901800000-0000002500	CP VITON® 459 EC	Yes
8 / 200-203	8.35	2.05	0.89	1.89	0.780	12.5	459-0200-0000	45902000000-0000001250	CP VITON® 459 EC	Yes
8 / 200-203	8.35	2.05	0.89	1.89	0.780	25	459-0200-0000	45902000000-0000002500	CP VITON® 459 EC	Yes
- / 215	8.94	1.95	0.89	2.03	0.835	12.5	459-0215-0000	45902150000-0000001250	CP VITON® 459 EC	Yes
- / 215	8.94	1.95	0.89	2.03	0.835	25	459-0215-0000	45902150000-0000002500	CP VITON® 459 EC	Yes
9 / 228-229	9.45	1.75	0.74	2.13	0.885	12.5	459-0228-0000	45902280000-0000001250	CP VITON® 459 EC	Yes
9 / 228-229	9.45	1.75	0.74	2.13	0.885	25	459-0228-0000	45902280000-0000002500	CP VITON® 459 EC	Yes
10 / 254	10.47	1.40	0.74	2.32	0.980	12.5	459-0254-0000	45902540000-0000001250	CP VITON® 459 EC	Yes

10 / 254	10.47	1.40	0.74	2.32	0.980	25	459-0254-0000	45902540000-0000002500	CP VITON® 459 EC	Yes
- / 275	11.30	1.30	0.59	2.50	1.060	12.5	459-0275-0000	45902750000-0000001250	CP VITON® 459 EC	Yes
- / 275	11.30	1.30	0.59	2.50	1.060	25	459-0275-0000	45902750000-0000002500	CP VITON® 459 EC	Yes
11 / 280	11.50	1.30	0.59	2.54	1.080	12.5	459-0280-0000	45902800000-0000001250	CP VITON® 459 EC	Yes
11 / 280	11.50	1.30	0.59	2.54	1.080	25	459-0280-0000	45902800000-0000002500	CP VITON® 459 EC	Yes
12 / 305	12.48	1.25	0.44	2.72	1.170	12.5	459-0305-0000	45903050000-0000001250	CP VITON® 459 EC	Yes
12 / 305	12.48	1.25	0.44	2.72	1.170	25	459-0305-0000	45903050000-0000002500	CP VITON® 459 EC	Yes
- / 315	12.87	1.25	0.44	2.78	1.195	12.5	459-0315-0000	45903150000-0000001250	CP VITON® 459 EC	Yes
- / 315	12.87	1.25	0.44	2.78	1.195	25	459-0315-0000	45903150000-0000002500	CP VITON® 459 EC	Yes
- / 325	13.27	1.15	0.44	2.89	1.245	12.5	459-0325-0000	45903250000-0000001250	CP VITON® 459 EC	Yes
- / 325	13.27	1.15	0.44	2.89	1.245	25	459-0325-0000	45903250000-0000002500	CP VITON® 459 EC	Yes
13 / 330	13.46	1.15	0.44	2.93	1.265	12.5	459-0330-0000	45903300000-0000001250	CP VITON® 459 EC	Yes
13 / 330	13.46	1.15	0.44	2.93	1.265	25	459-0330-0000	45903300000-0000002500	CP VITON® 459 EC	Yes
14 / 356	14.49	0.95	0.44	3.11	1.365	12.5	459-0356-0000	45903560000-0000001250	CP VITON® 459 EC	Yes
14 / 356	14.49	0.95	0.44	3.11	1.365	25	459-0356-0000	45903560000-0000002500	CP VITON® 459 EC	Yes
- / 375	15.24	0.85	0.30	3.25	1.430	12.5	459-0375-0000	45903750000-0000001250	CP VITON® 459 EC	Yes
- / 375	15.24	0.85	0.30	3.25	1.430	25	459-0375-0000	45903750000-0000002500	CP VITON® 459 EC	Yes
16 / 405-406	16.46	0.85	0.30	3.50	1.555	12.5	459-0406-0000	45904060000-0000001250	CP VITON® 459 EC	Yes
16 / 405-406	16.46	0.85	0.30	3.50	1.555	25	459-0406-0000	45904060000-0000002500	CP VITON® 459 EC	Yes
18 / 457	18.46	0.75	0.30	3.92	1.745	12.5	459-0457-0000	45904570000-0000001250	CP VITON® 459 EC	Yes
18 / 457	18.46	0.75	0.30	3.92	1.745	25	459-0457-0000	45904570000-0000002500	CP VITON® 459 EC	Yes
20 / 508	20.47	0.50	0.15	4.31	1.940	12.5	459-0508-0000	45905080000-0000001250	CP VITON® 459 EC	Yes
20 / 508	20.47	0.50	0.15	4.31	1.940	25	459-0508-0000	45905080000-0000002500	CP VITON® 459 EC	Yes