



Electrically conductive PVC clamp profile hose (clip hose), (to +110°C)



Application

- flexible hose/ ducting for hot and cold gases and for dust, powder, fibres
- welding fume extraction
- extraction arm
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- explosion hazard area

Properties

- fabric reinforced
- abrasion protection via external clamp profile
- secure clamping of the wall within the clamp profile

- highly flexible + compressible
- good resistance to alkalis and acids
- good resistance to chemicals
- surface resistance approx. 10⁶
- 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

- 10°C to 80°C
- short time to 110°C

Design

- CP construction
- clamp profile supporting spiral: galvanised steel
- fabric-reinforced tape
- wall: PVC coated fabric

Delivery variants

- further diameters and lengths available on request
- black (standard)
- stainless steel (INOX) clamp profile
- double-layer

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	0,470	0,340	20.00	0.65	6	465-0050-1003
- / 55	67.00	0,450	0,280	22.00	0.70	6	465-0055-1003
2,36 / 60	72.00	0,430	0,250	22.00	0.75	6	465-0060-1003
2,5 / 63-65	77.00	0,410	0,230	24.00	0.81	6	465-0065-1003
- / 70	82.00	0,395	0,210	25.00	0.86	6	465-0070-1003
3 / 75-76	87.00	0,380	0,180	26.00	0.91	6	465-0075-1003
- / 80	92.00	0,370	0,160	26.00	0.97	6	465-0080-1003
3,5 / 89-90	102.00	0,345	0,110	28.00	1.07	6	465-0090-1003
4 / 100-102	112.00	0,210	0,100	31.00	0.87	6	465-0100-1003
- / 110	122.00	0,200	0,085	33.00	0.95	3 6	465-0110-1003
4,5 / 114-115	127.00	0,195	0,080	35.00	0.99	3 6	465-0115-1003
4,72 / 120	132.00	0,190	0,075	35.00	1.03	3 6	465-0120-1003
5 / 125-127	137.00	0,185	0,070	37.00	1.05	3 6	465-0125-1003
- / 130	142.00	0,180	0,060	37.00	1.11	3 6	465-0130-1003
5,5 / 140	152.00	0,175	0,050	39.00	1.19	3 6	465-0140-1003
6 / 150-152	162.00	0,140	0,040	41.00	0.84	3 6	465-0150-1003
6,3 / 160	172.00	0,135	0,035	43.00	0.89	3 6	465-0160-1003
6,5 / 165	177.00	0,135	0,035	44.00	0.92	3 6	465-0165-1003
- / 170	182.00	0,130	0,035	45.00	0.94	3 6	465-0170-1003
- / 175	187.00	0,130	0,030	47.00	0.96	3 6	465-0175-1003
7 / 178-180	192.00	0,125	0,030	47.00	0.99	3 6	465-0180-1003
8 / 200-203	212.00	0,105	0,025	51.00	0.85	3 6	465-0200-1003
- / 215	227.00	0,100	0,020	55.00	0.91	3 6	465-0215-1003
- / 225	237.00	0,095	0,020	57.00	0.94	3 6	465-0225-1003

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(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
9 / 228-229	240.00	0,095	0,020	57.00	0.95	3 6	465-0228-1003
- / 250	262.00	0,075	0,020	61.00	1.04	3 6	465-0250-1003
10 / 254	266.00	0,075	0,020	62.00	1.06	3 6	465-0254-1003
- / 275	287.00	0,070	0,015	67.00	1.14	3 6	465-0275-1003
11 / 280	292.00	0,070	0,015	68.00	1.16	3 6	465-0280-1003
- / 300	312.00	0,065	0,010	71.00	1.23	3 6	465-0300-1003
12 / 305	317.00	0,065	0,010	72.00	1.26	3 6	465-0305-1003
- / 315	327.00	0,065	0,010	74.00	1.30	3 6	465-0315-1003
- / 325	337.00	0,060	0,010	77.00	1.34	3 6	465-0325-1003
13 / 330	342.00	0,060	0,010	78.00	1.36	3 6	465-0330-1003
- / 350	362.00	0,050	0,010	81.00	1.43	3 6	465-0350-1003
14 / 356	368.00	0,050	0,010	82.00	1.46	3 6	465-0356-1003
- / 375	387.00	0,045	0,010	86.00	1.53	3 6	465-0375-1003
- / 400	412.00	0,045	0,010	91.00	1.62	3 6	465-0400-1003
16 / 405-406	418.00	0,045	0,010	92.00	1.65	3 6	465-0406-1003
- / 450	462.00	0,040	0,005	101.00	1.82	3 6	465-0450-1003
18 / 457	469.00	0,040	0,005	103.00	1.85	3 6	465-0457-1003
- / 500	512.00	0,040	0,005	111.00	2.01	3 6	465-0500-1003
20 / 508	520.00	0,025	0,005	113.00	2.04	3 6	465-0508-1003
- / 600	612.00	0,025	0,005	131.00	2.41	3 6	465-0600-1003
24 / 610	622.00	0,025	0,005	133.00	2.45	3 6	465-0610-1003
- / 700	712.00	0,020	0,002	151.00	2.79	3 6	465-0700-1003
28 / 712	724.00	0,020	0,001	154.00	2.84	3 6	465-0712-1003
- / 750	762.00	0,020	0,001	161.00	2.97	3 6	465-0750-1003
- / 800	812.00	0,020	0,001	171.00	2.97	3 6	465-0800-1003
32 / 813-815	827.00	0,020	0,001	174.00	3.06	3 6	465-0815-1003
- / 900	912.00	0,015	0,001	191.00	3.56	3 6	465-0900-1003
36 / 915	927.00	0,015	0,001	194.00	3.62	3 6	465-0915-1003
- / 1000	1012.00	0,010	0,001	211.00	3.95	3 6	465-1000-1003
40 / 1016	1028.00	0,010	0,001	214.00	4.01	3 6	465-1016-1003

Accessories



CLAMP 217



CLAMP 212



CONNECT 270-271



CLAMP 213



CONNECT 228