

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 1100 °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

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20 °C and are approx. data. Additional information at www.norres.com/en/technology/

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(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

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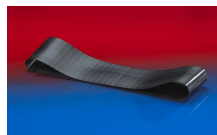
Accessories



CLAMP 212



CLAMP 213



CONNECT 228



CONNECT 270-271



CLAMP 217

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