

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 <math><10^4 \Omega</math>
- 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

- clamp profile supporting spiral: galvanized steel
- wall: VITON® coated polyester fabric

**Delivery variants**

- further diameters and lengths available on request

I.D. in / mm	O.D. in	Pressure psi	Vacuum inHG	Bending Radius in	Weight lbs./ft	Stock length ft	Production Length ft	Further production lengths ft	Order No.
1.5 / 38	1.97	11.40	13.29	0.83	0.325	25	-	-	459-0038-0000
- / 40	2.05	11.10	12.99	7/8	0.355	-	25	-	459-0040-0000
2 / 50-51	2.44	9.15	11.22	1.00	0.430	25	-	-	459-0050-0000
- / 55	2.64	8.70	10.34	1.04	0.470	25	-	-	459-0055-0000
2.36 / 60	2.83	8.25	9.45	1.10	0.510	-	25	-	459-0060-0000
2.5 / 63-65	3.03	7.90	8.56	1.16	0.545	25	-	-	459-0065-0000
- / 70	3.20	7.60	7.68	1.22	0.585	25	-	-	459-0070-0000
3 / 75-76	3.43	7.25	6.79	1.28	0.625	25	-	-	459-0075-0000
- / 80	3.62	7.05	5.91	1.34	0.660	-	25	-	459-0080-0000
3.5 / 89-90	4.00	6.55	4.13	1.46	0.740	25	-	-	459-0090-0000
4 / 100-102	4.41	4.35	3.54	1.10	0.605	25	-	-	459-0100-0000
- / 110	4.80	4.15	3.10	1 1/8	0.660	-	12.5 25	-	459-0110-0000
4.5 / 114-115	5.00	4.00	2.86	1.24	0.690	12.5 25	-	-	459-0115-0000
4.72 / 120	5.20	3.90	2.66	1.25	0.720	-	12.5 25	-	459-0120-0000
5 / 125-127	5.39	3.75	2.51	1.32	0.745	12.5 25	-	-	459-0125-0000
- / 130	5.59	3.70	2.21	1.34	0.775	12.5 25	-	-	459-0130-0000
5.5 / 140	6.00	3.55	1.77	1.42	0.825	12.5 25	-	-	459-0140-0000
6 / 150-152	6.38	2.40	1.48	1.50	0.590	12.5 25	-	-	459-0150-0000
6.3 / 160	6.77	2.30	1.33	1.57	0.625	-	12.5 25	-	459-0160-0000
6.5 / 165	6.97	2.25	1.33	1.61	0.645	12.5 25	-	-	459-0165-0000
- / 170	7.17	2.25	1.18	1.65	0.665	-	12.5 25	-	459-0170-0000
- / 175	7.36	2.20	1.18	1.71	0.685	12.5 25	-	-	459-0175-0000
7 / 178-180	7.56	2.20	1.18	1.73	0.700	12.5 25	-	-	459-0180-0000
8 / 200-203	8.35	2.05	0.89	1.89	0.780	12.5 25	-	-	459-0200-0000
- / 215	8.94	1.95	0.89	2.03	0.835	12.5 25	-	-	459-0215-0000
- / 225	9.33	1.90	0.74	2.11	0.875	-	12.5 25	-	459-0225-0000
9 / 228-229	9.45	1.75	0.74	2.13	0.885	12.5 25	-	-	459-0228-0000
- / 250	10.31	1.45	0.74	2.28	0.970	-	12.5 25	-	459-0250-0000

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at [www.norres.com](http://www.norres.com). NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68°F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.

I.D. in / mm	O.D. in	Pressure psi	Vacuum inHG	Bending Radius in	Weight lbs./ft	Stock length ft	Production Length ft	Further production lengths ft	Order No.
10 / 254	10.47	1.40	0.74	2.32	0.980	12.5 25	-	-	459-0254-0000
- / 275	11.30	1.30	0.59	2.50	1.060	12.5 25	-	-	459-0275-0000
11 / 280	11.50	1.30	0.59	2.54	1.080	12.5 25	-	-	459-0280-0000
- / 300	12.28	1.25	0.44	2.68	1.155	-	12.5 25	-	459-0300-0000
12 / 305	12.48	1.25	0.44	2.72	1.170	12.5 25	-	-	459-0305-0000
- / 315	12.87	1.25	0.44	2.78	1.195	12.5 25	-	-	459-0315-0000
- / 325	13.27	1.15	0.44	2.89	1.245	12.5 25	-	-	459-0325-0000
13 / 330	13.46	1.15	0.44	2.93	1.265	12.5 25	-	-	459-0330-0000
- / 350	14.25	0.95	0.44	3.07	1.345	-	12.5 25	-	459-0350-0000
14 / 356	14.49	0.95	0.44	3.11	1.365	12.5 25	-	-	459-0356-0000
- / 375	15.24	0.85	0.30	3.25	1.430	12.5 25	-	-	459-0375-0000
- / 400	16.22	0.85	0.30	3.46	1.530	-	12.5 25	-	459-0400-0000
16 / 405-406	16.46	0.85	0.30	3.50	1.555	12.5 25	-	-	459-0406-0000
- / 450	18.19	0.80	0.30	3.86	1.720	-	12.5 25	-	459-0450-0000
18 / 457	18.46	0.75	0.30	3.92	1.745	12.5 25	-	-	459-0457-0000
- / 500	20.16	0.75	0.15	4.25	1.910	-	12.5 25	-	459-0500-0000
20 / 508	20.47	0.50	0.15	4.31	1.940	12.5 25	-	-	459-0508-0000
- / 600	24.09	0.45	0.15	5.04	2.285	-	12.5	-	459-0600-0000
24 / 610	24.49	0.45	0.15	5.12	2.320	-	12.5	-	459-0610-0000
- / 700	28.00	0.35	0.06	5.83	2.660	-	12.5	-	459-0700-0000
28 / 712	28.50	0.35	0.06	5.93	2.710	-	12.5	-	459-0712-0000
- / 750	30.00	0.35	0.06	6.22	2.850	-	12.5	-	459-0750-0000
- / 800	31.97	0.35	0.06	6.61	3.035	-	12.5	-	459-0800-0000
32 / 813-815	32.56	0.35	0.03	6.73	3.095	-	12.5	-	459-0815-0000
- / 900	35.91	0.30	0.03	7.40	3.420	-	12.5	-	459-0900-0000
36 / 915	36.50	0.30	0.03	7.52	3.475	-	12.5	-	459-0915-0000
- / 1000	39.84	0.30	0.03	8.19	3.795	-	12.5	-	459-1000-0000
40 / 1016	40.47	0.30	0.03	8.31	3.855	-	12.5	-	459-1016-0000

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Accessories



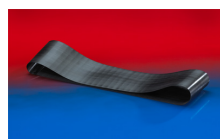
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