



Clamp profile hose (clip hose), (up to +338 °F)

**Application**

- 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
- industrial washing machine: air blower hose for drying
- high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill
- bellows, compensators

**Properties**

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

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- highly flexible + compressible 4:1
- vibration resistant
- very good heat resistance
- good resistance to oil, gasoline, and chemicals
- good resistance to alkalis and acids
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

**Temperature range**

**Design**

- CP construction
- Clamp profile supporting spiral: galvanised steel
- wall: CSM coated polyester fabric

**Delivery variants**

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

I.D.	outer Ø	Pressure	Vacuum	Bending radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	
1,5 / 38	1.969	11.386	13.289	0.827	0.383	6	450-0038-0000
- / 40	2.047	11.096	12.993	0.866	0.397	6	450-0040-0000
2 / 50-51	2.441	9.138	11.221	0.984	0.511	6	450-0050-0000
- / 55	2.638	8.702	10.336	1.063	0.551	6	450-0055-0000
2,36 / 60	2.835	8.267	9.450	1.102	0.598	6	450-0060-0000
2,5 / 63-65	3.031	7.905	8.564	1.181	0.645	6	450-0065-0000
- / 70	3.228	7.615	7.678	1.220	0.692	6	450-0070-0000
3 / 75-76	3.425	7.252	6.792	1.299	0.739	6	450-0075-0000
- / 80	3.622	7.034	5.906	1.339	0.780	6	450-0080-0000
3,5 / 89-90	4.016	6.527	4.134	1.457	0.874	6	450-0090-0000
4 / 100-102	4.409	4.351	3.544	1.102	0.692	6	450-0100-0000
- / 110	4.803	4.134	3.101	1.181	0.759	3 6	450-0110-0000
4,5 / 114-115	5.000	3.989	2.894	1.260	0.786	3 6	450-0115-0000
4,72 / 120	5.197	3.916	2.658	1.260	0.820	3 6	450-0120-0000
5 / 125-127	5.394	3.771	2.510	1.339	0.853	3 6	450-0125-0000
- / 130	5.591	3.699	2.215	1.339	0.887	3 6	450-0130-0000
5,5 / 140	5.984	3.553	1.772	1.417	0.954	3 6	450-0140-0000
6 / 150-152	6.378	2.393	1.477	1.496	0.699	3 6	450-0150-0000
6,3 / 160	6.772	2.321	1.329	1.575	0.746	3 6	450-0160-0000
6,5 / 165	6.969	2.248	1.181	1.614	0.766	3 6	450-0165-0000
- / 170	7.165	2.248	1.181	1.654	0.786	3 6	450-0170-0000
- / 175	7.362	2.176	1.181	1.732	0.813	3 6	450-0175-0000
7 / 178-180	7.559	2.176	1.181	1.732	0.833	3 6	450-0180-0000

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 68 °F and are approx. data. Additional information at [www.norres.com/us/technology/](http://www.norres.com/us/technology/)

I.D.	outer Ø	Pressure	Vacuum	Bending radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	
8 / 200-203	8.346	2.031	0.886	1.890	0.921	3 6	450-0200-0000
- / 215	8.937	1.958	0.886	2.047	0.988	3 6	450-0215-0000
- / 225	9.331	1.886	0.738	2.126	1.035	3 6	450-0225-0000
9 / 228-229	9.449	1.886	0.738	2.244	1.048	3 6	450-0228-0000
- / 250	10.315	1.450	0.738	2.283	1.149	3 6	450-0250-0000
10 / 254	10.472	1.378	0.738	2.362	1.243	3 6	450-0254-0000
- / 275	11.299	1.305	0.591	2.520	1.257	3 6	450-0275-0000
11 / 280	11.496	1.305	0.591	2.559	1.317	3 6	450-0280-0000
- / 300	12.283	1.233	0.443	2.677	1.371	3 6	450-0300-0000
12 / 305	12.480	1.233	0.443	2.717	1.391	3 6	450-0305-0000
- / 315	12.874	1.233	0.443	2.795	1.438	3 6	450-0315-0000
- / 325	13.268	1.160	0.443	2.913	1.485	3 6	450-0325-0000
13 / 330	13.465	1.160	0.443	2.953	1.512	3 6	450-0330-0000
- / 350	14.252	0.943	0.443	3.071	1.593	3 6	450-0350-0000
14 / 356	14.488	0.943	0.443	3.150	1.613	3 6	450-0356-0000
- / 375	15.236	0.870	0.295	3.268	1.680	3 6	450-0375-0000
- / 400	16.220	0.870	0.295	3.465	1.821	3 6	450-0400-0000
16 / 405-406	16.457	0.798	0.295	3.543	1.848	3 6	450-0406-0000
- / 450	18.189	0.798	0.295	3.858	2.043	3 6	450-0450-0000
18 / 457	18.465	0.725	0.295	3.937	2.077	3 6	450-0457-0000
- / 500	20.157	0.725	0.148	4.252	2.265	3 6	450-0500-0000
20 / 508	20.472	0.508	0.148	4.331	2.292	3 6	450-0508-0000
- / 600	24.094	0.435	0.148	5.039	2.715	3	450-0600-0000
24 / 610	24.488	0.435	0.148	5.118	2.769	3	450-0610-0000
- / 700	28.031	0.363	0.059	5.827	3.165	3	450-0700-0000
28 / 712	28.504	0.363	0.059	5.945	3.219	3	450-0712-0000
- / 750	30.000	0.363	0.059	6.220	3.387	3	450-0750-0000
- / 800	31.969	0.363	0.059	6.614	3.609	3	450-0800-0000
32 / 813-815	32.559	0.363	0.059	6.732	3.676	3	450-0815-0000
- / 900	35.906	0.290	0.030	7.402	4.059	3	450-0900-0000
36 / 915	36.496	0.290	0.030	7.520	4.126	3	450-0915-0000
- / 1000	39.843	0.290	0.030	8.189	4.509	3	450-1000-0000
40 / 1016	40.472	0.290	0.030	8.386	4.583	3	450-1016-0000

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## Accessories



CLAMP 217



CLAMP 212



CONNECT 228



CONNECT 270-271



CLAMP 213

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