

Polyethylene clamp profile hose (clip hose)

Applications

- flexible hose/ ducting for gases and for dust, powder, fibers
- chemical industry: chemical vapors, vapor return hose at loading arm, paint steam, spray mist extraction
- asbestos removal
- construction drying

Properties

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

- highly flexible + compressible 4:1
- odorless and tasteless
- good resistance to alkalis and acids
- extremely good resistance to chemicals
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature range

- 30°F to 175°F

Design

- CP construction
- Clamp profile supporting spiral: galvanised steel
- wall: polyethylene fabric (LDPE + HDPE)

Delivery variants

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

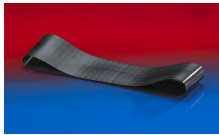
I.D.	outer Ø	Pressure	Vacuum	Bending radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	
2 / 50-51	2.441	7.107	7.973	0.709	0.296	25	457-0050-0000
- / 55	2.638	6.672	7.383	0.787	0.316	25	457-0055-0000
2,36 / 60	2.835	6.382	6.497	0.787	0.343	-	457-0060-0000
2,5 / 63-65	3.031	6.092	5.906	0.866	0.363	25	457-0065-0000
- / 70	3.228	5.802	5.315	0.866	0.397	25	457-0070-0000
3 / 75-76	3.425	5.512	4.725	0.945	0.423	25	457-0075-0000
- / 80	3.622	5.294	4.134	0.945	0.450	-	457-0080-0000
3,5 / 89-90	4.016	4.931	2.953	1.024	0.504	25	457-0090-0000
4 / 100-102	4.409	3.263	2.510	1.102	0.363	25	457-0100-0000
- / 110	4.803	3.046	2.215	1.181	0.390	-	457-0110-0000
4,72 / 120	5.197	2.901	1.919	1.260	0.430	-	457-0120-0000
5 / 125-127	5.394	2.828	1.772	1.339	0.444	12.5 25	457-0125-0000
- / 130	5.591	2.611	1.624	1.339	0.464	12.5 25	457-0130-0000
5,5 / 140	5.984	2.611	1.181	1.417	0.497	12.5 25	457-0140-0000
6 / 150-152	6.378	1.740	1.034	1.496	0.531	12.5 25	457-0150-0000
6,3 / 160	6.772	1.668	0.886	1.575	0.565	-	457-0160-0000
6,5 / 165	6.969	1.595	0.886	1.614	0.578	12.5 25	457-0165-0000
- / 170	7.165	1.595	0.886	1.654	0.598	-	457-0170-0000
- / 175	7.362	1.595	0.886	1.732	0.612	12.5 25	457-0175-0000
7 / 178-180	7.559	1.595	0.738	1.732	0.632	12.5 25	457-0180-0000
8 / 200-203	8.346	1.450	0.591	1.890	0.544	12.5 25	457-0200-0000
- / 225	9.331	1.305	0.591	2.126	0.598	-	457-0225-0000
9 / 228-229	9.449	1.160	0.591	2.126	0.612	12.5 25	457-0228-0000
- / 250	10.315	1.015	0.443	2.283	0.665	-	457-0250-0000
10 / 254	10.472	0.943	0.443	2.323	0.679	12.5 25	457-0254-0000
- / 275	11.299	0.870	0.443	2.520	0.733	12.5 25	457-0275-0000
11 / 280	11.496	0.870	0.443	2.559	0.746	12.5 25	457-0280-0000

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/us/technology/. 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.

CP PE 457

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(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	
- / 300	12.283	0.870	0.295	2.677	0.793	-	457-0300-0000
12 / 305	12.480	0.798	0.295	2.717	0.806	12.5 25	457-0305-0000
- / 315	12.874	0.725	0.295	2.795	0.833	12.5 25	457-0315-0000
- / 325	13.268	0.653	0.295	2.913	0.860	12.5 25	457-0325-0000
- / 350	14.252	0.653	0.295	3.071	0.927	-	457-0350-0000
- / 400	16.220	0.580	0.148	3.465	1.055	-	457-0400-0000
16 / 405-406	16.457	0.508	0.148	3.504	1.069	12.5 25	457-0406-0000
- / 450	18.189	0.508	0.148	3.858	1.183	-	457-0450-0000
- / 500	20.157	0.363	0.148	4.252	1.317	-	457-0500-0000
20 / 508	20.472	0.363	0.148	4.331	1.337	12.5 25	457-0508-0000
- / 600	24.094	0.363	0.148	5.039	1.579	-	457-0600-0000
- / 700	28.031	0.290	0.059	5.827	1.835	-	457-0700-0000
- / 750	30.000	0.290	0.030	6.220	1.969	12.5 25	457-0750-0000
- / 800	31.969	0.218	0.030	6.614	2.097	-	457-0800-0000
- / 1000	39.843	0.218	0.030	8.189	2.614	-	457-1000-0000

Accessories



CONNECT 228



CLAMP 212



CLAMP 213



CLAMP 217



CONNECT 270-271

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