



Electrically conductive clamp profile hose (clip hose), double-layer, highly chemical resistant (up to +338 °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

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
- anti-adhesive
- good resistance to alkalis and acids
- extremely good resistance to chemicals
- surface resistance PTFE film <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)
- REACH according to --> Technology / Technical Information / REACH
- conforms to RoHS guideline

Temperature range

- 40 °F to 340 °F

Design

- CP construction
- Clamp profile supporting spiral: all-stainless steel (INOX)
- wall: PTFE film interior, CSM coated polyester fabric exterior
- TEFLON[®] is a registered trademark of DuPont.

Delivery variants

- further diameters and lengths available on request

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	5.947	8.859	0.709	0.565	25	472-0050-1003
2,36 / 60	2.835	5.366	7.383	0.787	0.665	-	472-0060-1003
2,5 / 63-65	3.031	5.149	6.792	0.866	0.712	25	472-0065-1003
- / 70	3.228	4.931	6.201	0.866	0.759	25	472-0070-1003
3 / 75-76	3.425	4.714	5.315	0.945	0.813	25	472-0075-1003
- / 80	3.622	4.569	4.725	0.945	0.867	-	472-0080-1003
3,5 / 89-90	4.016	4.206	3.248	1.024	0.961	25	472-0090-1003
4 / 100-102	4.409	2.828	2.953	1.102	0.780	25	472-0100-1003
- / 110	4.803	2.683	2.510	1.181	0.847	-	472-0110-1003
4,5 / 114-115	5.000	2.611	2.362	1.260	0.880	12.5 25	472-0115-1003
4,72 / 120	5.197	2.538	2.215	1.260	0.921	-	472-0120-1003
5 / 125-127	5.394	2.466	2.067	1.339	0.961	12.5 25	472-0125-1003
- / 130	5.591	2.393	1.772	1.339	0.995	12.5 25	472-0130-1003
5,5 / 140	5.984	2.321	1.477	1.417	1.069	12.5 25	472-0140-1003
6 / 150-152	6.378	1.595	1.181	1.496	0.800	12.5 25	472-0150-1003
6,3 / 160	6.772	1.523	1.034	1.575	0.853	-	472-0160-1003
- / 170	7.165	1.450	1.034	1.654	0.907	-	472-0170-1003
7 / 178-180	7.559	1.378	0.886	1.732	0.954	12.5 25	472-0180-1003
8 / 200-203	8.346	1.305	0.738	1.890	1.062	12.5 25	472-0200-1003
- / 225	9.331	1.233	0.591	2.126	1.190	-	472-0225-1003
- / 250	10.315	0.943	0.591	2.283	1.317	-	472-0250-1003
10 / 254	10.472	0.943	0.591	2.323	1.337	12.5 25	472-0254-1003
- / 300	12.283	0.798	0.295	2.677	1.573	-	472-0300-1003
- / 315	12.874	0.798	0.295	2.795	1.653	12.5 25	472-0315-1003
14 / 356	14.488	0.580	0.295	3.110	1.862	12.5 25	472-0356-1003
- / 400	16.220	0.580	0.295	3.465	2.083	-	472-0400-1003

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 PTFE/HYP-INOX 472 EC



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(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	
- / 450	18.189	0.508	0.148	3.858	2.601	-	472-0450-1003
- / 500	20.157	0.435	0.148	4.252	2.601	-	472-0500-1003
- / 600	24.094	0.290	0.148	5.039	3.112	-	472-0600-1003

Accessories



CONNECT 270-271



CLAMP 212



CONNECT 228



CLAMP 217



CLAMP 213

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