



High-temperature hose, clamp profile hose (clip hose), (up to +752 °F)

Applications

- flexible hose/ ducting for hot and cold gases
- vehicle/ car gas exhaust system, gas extraction: hose reel, slotted floor channel, underfloor extraction system
- engine test bench, exhaust gas measurement
- chemical industry: chemical vapors, vapor return hose at loading arm, paint steam, spray mist extraction
- 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
- highly flexible + compressible 4:1
- very good heat resistance
- good resistance to alkalis and acids
- extremely good resistance to chemicals
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature range

- 75 °F to 750 °F

Design

- CP construction
- Clamp profile supporting spiral: galvanised steel
- Wall: Kapton® laminated glass fabric

Delivery variants

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

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	7.542	10.926	0.709	0.457	25	476-0050-0000
- / 55	2.638	7.179	10.040	0.787	0.497	25	476-0055-0000
2,36 / 60	2.835	6.889	9.154	0.787	0.538	-	476-0060-0000
2,5 / 63-65	3.031	6.599	8.416	0.866	0.578	25	476-0065-0000
3 / 75-76	3.425	6.019	6.644	0.945	0.659	25	476-0075-0000
- / 80	3.622	5.802	6.201	0.945	0.699	-	476-0080-0000
3,5 / 89-90	4.016	5.366	5.758	1.024	0.780	25	476-0090-0000
4 / 100-102	4.409	3.626	4.725	1.102	0.638	25	476-0100-0000
- / 110	4.803	3.408	3.839	1.181	0.699	-	476-0110-0000
4,5 / 114-115	5.000	3.336	3.544	1.260	0.733	12.5 25	476-0115-0000
4,72 / 120	5.197	3.263	3.337	1.260	0.759	-	476-0120-0000
5 / 125-127	5.394	3.118	3.101	1.339	0.793	12.5 25	476-0125-0000
5,5 / 140	5.984	2.901	2.215	1.417	0.880	12.5 25	476-0140-0000
6 / 150-152	6.378	2.031	2.067	1.496	0.638	12.5 25	476-0150-0000
6,3 / 160	6.772	1.958	1.654	1.575	0.679	-	476-0160-0000
6,5 / 165	6.969	1.886	1.654	1.614	0.699	12.5 25	476-0165-0000
- / 170	7.165	1.886	1.654	1.654	0.719	-	476-0170-0000
7 / 178-180	7.559	1.813	1.417	1.732	0.759	12.5 25	476-0180-0000
8 / 200-203	8.346	1.668	1.181	1.890	0.840	12.5 25	476-0200-0000
- / 250	10.315	1.160	0.797	2.283	1.048	-	476-0250-0000
- / 300	12.283	1.015	0.472	2.677	1.250	-	476-0300-0000
- / 315	12.874	1.015	0.472	2.795	1.310	12.5 25	476-0315-0000
- / 350	14.252	0.798	0.443	3.071	1.452	-	476-0350-0000
- / 500	20.157	0.580	0.148	4.331	2.063	-	476-0500-0000

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.

Accessories



CLAMP 213



CLAMP 217



CLAMP 212



CONNECT 228



CONNECT 270-271