

High-temperature hose, clamp profile hose (clip hose), (up to +842 °F)

### Applications

- flexible hose/ ducting for hot and cold gases
- high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill
- infrared heating systems, gas-fired radiant tube heater: hot air tube

### Properties

- very good resistance to flying sparks and welding sparks
- abrasion protection via external clamp profile

- secure clamping of the wall within the clamp profile
- highly flexible + compressible 3:1
- very good heat resistance
- flame-retardant according to: DIN 4102-B1
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

### Temperature range

- 75 °F to 750 °F
- short time to 840 °F

### Design

- CP construction
- Clamp profile supporting spiral: galvanised steel
- wall: stainless steel wire reinforced and special coated glass fabric

### Delivery variants

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

I.D.	outer Ø	Vacuum	Bending radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(in)	(inHG)	(in)	(lb/ft)	(ft)	
1,5 / 38	1.969	13.289	0.827	0.370	25	480-0038-0000
- / 40	2.047	12.993	0.866	0.390	-	480-0040-0000
2 / 50-51	2.441	11.221	0.984	0.497	25	480-0050-0000
- / 55	2.638	10.336	1.063	0.538	-	480-0055-0000
2,36 / 60	2.835	9.450	1.102	0.585	-	480-0060-0000
2,5 / 63-65	3.031	8.564	1.181	0.632	25	480-0065-0000
- / 70	3.228	7.678	1.220	0.672	-	480-0070-0000
3 / 75-76	3.425	6.792	1.299	0.719	25	480-0075-0000
- / 80	3.622	5.906	1.339	0.759	-	480-0080-0000
3,5 / 89-90	4.016	4.134	1.457	0.847	25	480-0090-0000
4 / 100-102	4.409	3.544	2.008	0.672	25	480-0100-0000
- / 110	4.803	3.101	2.165	0.733	-	480-0110-0000
4,5 / 114-115	5.000	2.894	2.244	0.766	12.5 25	480-0115-0000
4,72 / 120	5.197	2.658	2.323	0.800	-	480-0120-0000
5 / 125-127	5.394	2.510	2.402	0.827	12.5 25	480-0125-0000
- / 130	5.591	2.215	2.480	0.860	12.5 25	480-0130-0000
5,5 / 140	5.984	1.772	2.638	0.927	12.5 25	480-0140-0000
6 / 150-152	6.378	1.477	1.496	0.672	12.5 25	480-0150-0000
6,3 / 160	6.772	1.329	1.575	0.719	-	480-0160-0000
6,5 / 165	6.969	1.329	1.614	0.739	12.5 25	480-0165-0000
- / 170	7.165	1.181	1.654	0.759	-	480-0170-0000
7 / 178-180	7.559	1.181	1.732	0.806	12.5 25	480-0180-0000
8 / 200-203	8.346	0.886	1.890	0.887	12.5 25	480-0200-0000
- / 225	9.331	0.738	2.126	0.995	-	480-0225-0000
- / 250	10.315	0.738	2.283	1.109	-	480-0250-0000

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/us/technology/](http://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.

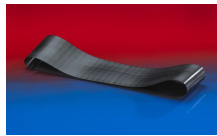


I.D.	outer Ø	Vacuum	Bending radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(in)	(inHG)	(in)	(lb/ft)	(ft)	
10 / 254	10.472	0.591	2.362	1.129	<b>12.5 25</b>	480-0254-0000
- / 275	11.299	0.591	2.520	1.216	<b>12.5 25</b>	480-0275-0000
11 / 280	11.496	0.443	2.559	1.243	<b>12.5 25</b>	480-0280-0000
- / 300	12.283	0.443	2.677	1.324	-	480-0300-0000
12 / 305	12.480	0.443	2.717	1.344	<b>12.5 25</b>	480-0305-0000
- / 315	12.874	0.443	2.795	1.384	<b>12.5 25</b>	480-0315-0000
- / 325	13.268	0.443	2.913	1.431	<b>12.5 25</b>	480-0325-0000
- / 350	14.252	0.443	3.071	1.539	-	480-0350-0000
14 / 356	14.488	0.443	3.150	1.559	<b>12.5 25</b>	480-0356-0000
- / 400	16.220	0.295	3.465	1.754	-	480-0400-0000
16 / 405-406	16.457	0.295	3.543	1.781	<b>12.5 25</b>	480-0406-0000
- / 450	18.189	0.295	3.858	1.969	-	480-0450-0000
- / 500	20.157	0.148	4.252	2.184	-	480-0500-0000
- / 600	24.094	0.148	5.039	2.614	-	480-0600-0000
- / 700	28.031	0.059	5.827	3.051	-	480-0700-0000
40 / 1016	40.472	0.030	8.386	4.409	-	480-1016-0000

## Accessories



CLAMP 217



CONNECT 228



CLAMP 212



CONNECT 270-271



CLAMP 213