



High-temperature hose, clamp profile hose (clip hose), (up to +450 °C)

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

- 60 °C to 400 °C
- short time to 450 °C

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)	(mm)	(bar)	(mm)	(kg/m)	(m)	
1,5 / 38	50.00	0,450	21.00	0.55	6	480-0038-0000
- / 40	52.00	0,440	22.00	0.58	6	480-0040-0000
2 / 50-51	62.00	0,380	25.00	0.74	6	480-0050-0000
- / 55	67.00	0,350	27.00	0.80	6	480-0055-0000
2,36 / 60	72.00	0,320	28.00	0.87	6	480-0060-0000
2,5 / 63-65	77.00	0,290	30.00	0.94	6	480-0065-0000
- / 70	82.00	0,260	31.00	1.00	6	480-0070-0000
3 / 75-76	87.00	0,230	33.00	1.07	6	480-0075-0000
- / 80	92.00	0,200	34.00	1.13	6	480-0080-0000
3,5 / 89-90	102.00	0,140	37.00	1.26	6	480-0090-0000
4 / 100-102	112.00	0,120	51.00	1.00	6	480-0100-0000
- / 110	122.00	0,105	55.00	1.09	3 6	480-0110-0000
4,5 / 114-115	127.00	0,098	57.00	1.14	3 6	480-0115-0000
4,72 / 120	132.00	0,090	59.00	1.19	3 6	480-0120-0000
5 / 125-127	137.00	0,085	61.00	1.23	3 6	480-0125-0000
- / 130	142.00	0,075	63.00	1.28	3 6	480-0130-0000
5,5 / 140	152.00	0,060	67.00	1.38	3 6	480-0140-0000
6 / 150-152	162.00	0,050	38.00	1.00	3 6	480-0150-0000
6,3 / 160	172.00	0,045	40.00	1.07	3 6	480-0160-0000
6,5 / 165	177.00	0,045	41.00	1.10	3 6	480-0165-0000
- / 170	182.00	0,040	42.00	1.13	3 6	480-0170-0000
7 / 178-180	192.00	0,040	44.00	1.20	3 6	480-0180-0000
8 / 200-203	212.00	0,030	48.00	1.32	3 6	480-0200-0000
- / 225	237.00	0,025	54.00	1.48	3 6	480-0225-0000
- / 250	262.00	0,025	58.00	1.65	3 6	480-0250-0000
10 / 254	266.00	0,020	60.00	1.68	3 6	480-0254-0000

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 20 °C and are approx. data. Additional information at www.norres.com/en/technology/.



I.D.	outer Ø	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(mm)	(kg/m)	(m)	
- / 275	287.00	0,020	64.00	1.81	3 6	480-0275-0000
11 / 280	292.00	0,015	65.00	1.85	3 6	480-0280-0000
- / 300	312.00	0,015	68.00	1.97	3 6	480-0300-0000
12 / 305	317.00	0,015	69.00	2.00	3 6	480-0305-0000
- / 315	327.00	0,015	71.00	2.06	3 6	480-0315-0000
- / 325	337.00	0,015	74.00	2.13	3 6	480-0325-0000
- / 350	362.00	0,015	78.00	2.29	3 6	480-0350-0000
14 / 356	368.00	0,015	80.00	2.32	3 6	480-0356-0000
- / 400	412.00	0,010	88.00	2.61	3 6	480-0400-0000
16 / 405-406	418.00	0,010	90.00	2.65	3 6	480-0406-0000
- / 450	462.00	0,010	98.00	2.93	3 6	480-0450-0000
- / 500	512.00	0,005	108.00	3.25	3 6	480-0500-0000
- / 600	612.00	0,005	128.00	3.89	3	480-0600-0000
- / 700	712.00	0,002	148.00	4.54	3	480-0700-0000
40 / 1016	1028.00	0,001	213.00	6.56	3	480-1016-0000

Accessories



CLAMP 217



CONNECT 270-271



CONNECT 228



CLAMP 213



CLAMP 212

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