



High-temperature hose, clamp profile hose (clip hose), (up to +400 °C)

Application

- flexible hose/ ducting for hot and cold gases
- vehicle gas exhaust system, car gas extraction: hose reel, slotted floor channel, underfloor extraction system
- engine test bench, exhaust gas measurement
- chemical industry: chemical vapours, vapour 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

- 60 °C to 400 °C

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)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
2 / 50-51	62.00	0,520	0,370	18.00	0.68	6	476-0050-0000
- / 55	67.00	0,495	0,340	20.00	0.74	6	476-0055-0000
2,36 / 60	72.00	0,475	0,310	20.00	0.80	6	476-0060-0000
2,5 / 63-65	77.00	0,455	0,285	22.00	0.86	6	476-0065-0000
- / 70	82.00	0,435	0,255	22.00	0.92	6	476-0070-0000
3 / 75-76	87.00	0,415	0,225	24.00	0.98	6	476-0075-0000
- / 80	92.00	0,400	0,210	24.00	1.04	6	476-0080-0000
3,5 / 89-90	102.00	0,370	0,195	26.00	1.16	6	476-0090-0000
4 / 100-102	112.00	0,250	0,160	28.00	0.95	6	476-0100-0000
- / 110	122.00	0,235	0,130	30.00	1.04	3 6	476-0110-0000
4,5 / 114-115	127.00	0,230	0,120	32.00	1.09	3 6	476-0115-0000
4,72 / 120	132.00	0,225	0,113	32.00	1.13	3 6	476-0120-0000
5 / 125-127	137.00	0,215	0,105	34.00	1.18	3 6	476-0125-0000
- / 130	142.00	0,210	0,090	34.00	1.22	3 6	476-0130-0000
5,5 / 140	152.00	0,200	0,075	36.00	1.31	3 6	476-0140-0000
6 / 150-152	162.00	0,140	0,070	38.00	0.95	3 6	476-0150-0000
6,3 / 160	172.00	0,135	0,056	40.00	1.01	3 6	476-0160-0000
6,5 / 165	177.00	0,130	0,056	41.00	1.04	3 6	476-0165-0000
- / 170	182.00	0,130	0,056	42.00	1.07	3 6	476-0170-0000
- / 175	187.00	0,125	0,048	44.00	1.10	3 6	476-0175-0000
7 / 178-180	192.00	0,125	0,048	44.00	1.13	3 6	476-0180-0000
8 / 200-203	212.00	0,115	0,040	48.00	1.25	3 6	476-0200-0000
- / 215	227.00	0,110	0,032	52.00	1.34	3 6	476-0215-0000
- / 225	237.00	0,105	0,032	54.00	1.40	3 6	476-0225-0000

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	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
9 / 228-229	240.00	0,105	0,030	54.00	1.46	3 6	476-0228-0000
- / 250	262.00	0,080	0,027	58.00	1.56	3 6	476-0250-0000
10 / 254	266.00	0,080	0,025	60.00	1.59	3 6	476-0254-0000
- / 275	287.00	0,075	0,020	64.00	1.71	3 6	476-0275-0000
11 / 280	292.00	0,075	0,020	65.00	1.74	3 6	476-0280-0000
- / 300	312.00	0,070	0,016	68.00	1.86	3 6	476-0300-0000
12 / 305	317.00	0,070	0,016	69.00	1.89	3 6	476-0305-0000
- / 315	327.00	0,070	0,016	71.00	1.95	3 6	476-0315-0000
- / 325	337.00	0,065	0,015	74.00	2.03	3 6	476-0325-0000
13 / 330	342.00	0,065	0,015	75.00	2.07	3 6	476-0330-0000
- / 350	362.00	0,055	0,015	78.00	2.16	3 6	476-0350-0000
14 / 356	368.00	0,050	0,015	80.00	2.19	3 6	476-0356-0000
- / 375	387.00	0,050	0,012	83.00	2.26	3 6	476-0375-0000
- / 400	412.00	0,050	0,012	88.00	2.47	3 6	476-0400-0000
16 / 405-406	418.00	0,050	0,012	90.00	2.51	3 6	476-0406-0000
- / 450	462.00	0,045	0,005	98.00	2.77	3 6	476-0450-0000
18 / 457	469.00	0,045	0,005	100.00	2.81	3 6	476-0457-0000
- / 500	512.00	0,040	0,005	110.00	3.07	3 6	476-0500-0000
20 / 508	520.00	0,030	0,005	110.00	3.12	3 6	476-0508-0000
- / 600	612.00	0,025	0,005	130.00	3.68	3	476-0600-0000
24 / 610	622.00	0,025	0,005	130.00	3.74	3	476-0610-0000
- / 700	712.00	0,020	0,002	151.00	4.29	3	476-0700-0000
28 / 712	724.00	0,020	0,002	151.00	4.36	3	476-0712-0000
- / 750	762.00	0,020	0,001	158.00	4.60	3	476-0750-0000
- / 800	812.00	0,020	0,001	168.00	4.90	3	476-0800-0000
32 / 813-815	827.00	0,020	0,001	171.00	4.99	3	476-0815-0000
- / 900	912.00	0,020	0,001	188.00	5.50	3	476-0900-0000
36 / 915	927.00	0,015	0,001	191.00	5.59	3	476-0915-0000
- / 1000	1012.00	0,015	0,001	208.00	6.11	3	476-1000-0000
40 / 1016	1028.00	0,015	0,001	213.00	6.20	3	476-1016-0000

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Accessories



CONNECT 270-271



CLAMP 212



CLAMP 213



CONNECT 228



CLAMP 217

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