

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

Applications

- 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
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
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
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
- / 250	262.00	0,080	0,027	58.00	1.56	3 6	476-0250-0000
- / 300	312.00	0,070	0,016	68.00	1.86	3 6	476-0300-0000
- / 315	327.00	0,070	0,016	71.00	1.95	3 6	476-0315-0000
- / 350	362.00	0,055	0,015	78.00	2.16	3 6	476-0350-0000
- / 500	512.00	0,040	0,005	110.00	3.07	3 6	476-0500-0000

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/.

Accessories



CLAMP 212



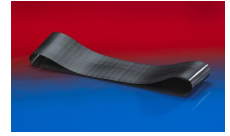
CONNECT 270-271



CLAMP 217



CLAMP 213



CONNECT 228