

High-temperature hose, clamp profile hose (clip hose), multi-layer, insulating, suitable for slight overpressure (up to +700 °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
- high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill
- bellows, compensators

Properties

- very good resistance to flying sparks and welding sparks

- secure clamping of the wall within the clamp profile
- insulating
- suitable for light overpressure
- very good heat resistance
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- 60 °C to 650 °C

- short time to 700 °C

Design

- CP construction
- clamp profile supporting spiral: galvanised steel
- multi-layer hose wall
- wall: interior and exterior special coated glass fabric, thermo-insulation fabric
- special thermal insulation layer

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)	
4 / 100-102	118.00	0,130	0,180	64.00	1.85	6	486-0100-0000
4,5 / 114-115	133.00	0,120	0,150	72.00	2.15	3 6	486-0115-0000
4,72 / 120	138.00	0,115	0,140	74.00	2.25	3 6	486-0120-0000
5 / 125-127	143.00	0,115	0,120	77.00	2.35	3 6	486-0125-0000
- / 130	148.00	0,110	0,110	79.00	2.39	3 6	486-0130-0000
5,5 / 140	158.00	0,105	0,090	84.00	2.57	3 6	486-0140-0000
6 / 150-152	168.00	0,070	0,075	89.00	2.45	3 6	486-0150-0000
6,3 / 160	178.00	0,065	0,070	94.00	2.61	3 6	486-0160-0000
8 / 200-203	218.00	0,060	0,045	114.00	3.23	3 6	486-0200-0000
- / 250	268.00	0,040	0,035	139.00	4.00	3 6	486-0250-0000
10 / 254	272.00	0,040	0,030	141.00	4.06	3 6	486-0254-0000
14 / 356	374.00	0,025	0,015	192.00	5.66	3 6	486-0356-0000
- / 400	418.00	0,025	0,015	214.00	6.34	3 6	486-0400-0000

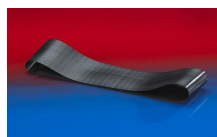
Accessories



CLAMP 212



CLAMP 213



CONNECT 228



CONNECT 270-271



CLAMP 217

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/.