

High-temperature hose, clamp profile hose (clip hose), (up to +500°C)

Application

- ♦ flexible hose/ ducting for hot and cold gases
- ♦ engine test bench, exhaust gas measurement
- ♦ 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
- ♦ very good heat resistance
- ♦ conforms to RoHS guideline
- ♦ REACH according to --> Technology / Technical Information / REACH

Temperature Range

- ♦ -60°C to 450°C

- ♦ short time to 500°C

Design

- ♦ CP construction
- ♦ clamp profile supporting spiral: galvanised steel
- ♦ double-layer wall
- ♦ wall: interior and exterior special-coated high-temperature fabric

Delivery variants

- ♦ further diameters 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)	
3 / 75-76	87.00	0,230	33.00	1.34	6	487-0075-0000
- / 80	92.00	0,200	34.00	1.42	6	487-0080-0000
3,5 / 89-90	102.00	0,140	37.00	1.58	6	487-0090-0000
4 / 100-102	112.00	0,120	51.00	1.29	6	487-0100-0000
- / 110	122.00	0,105	55.00	1.42	3 6	487-0110-0000
4,5 / 114-115	127.00	0,097	58.00	1.48	3 6	487-0115-0000
4,72 / 120	132.00	0,090	59.00	1.54	3 6	487-0120-0000
5 / 125-127	137.00	0,085	61.00	1.60	3 6	487-0125-0000
5,5 / 140	152.00	0,060	67.00	1.78	3 6	487-0140-0000
6 / 150-152	162.00	0,050	38.00	1.34	3 6	487-0150-0000
6,3 / 160	172.00	0,045	40.00	1.46	3 6	487-0160-0000
- / 170	182.00	0,040	42.00	1.55	3 6	487-0170-0000
- / 175	187.00	0,040	44.00	1.59	3 6	487-0175-0000
7 / 178-180	192.00	0,040	44.00	1.63	3 6	487-0180-0000
8 / 200-203	212.00	0,030	48.00	1.81	3 6	487-0200-0000
- / 215	227.00	0,030	52.00	1.94	3 6	487-0215-0000
- / 225	237.00	0,025	54.00	2.03	3 6	487-0225-0000
- / 250	262.00	0,025	58.00	2.25	3 6	487-0250-0000
- / 275	287.00	0,020	64.00	2.47	3 6	487-0275-0000
- / 300	312.00	0,015	68.00	2.69	3 6	487-0300-0000
12 / 305	317.00	0,015	69.00	2.74	3 6	487-0305-0000
- / 315	327.00	0,015	71.00	2.82	3 6	487-0315-0000
- / 325	337.00	0,015	73.00	2.91	3 6	487-0325-0000
13 / 330	342.00	0,015	75.00	2.96	3 6	487-0330-0000
- / 350	362.00	0,015	78.00	3.13	3 6	487-0350-0000
14 / 356	368.00	0,015	80.00	3.18	3 6	487-0356-0000
- / 400	412.00	0,010	88.00	3.56	3 6	487-0400-0000
- / 450	462.00	0,010	98.00	4.00	3 6	487-0450-0000

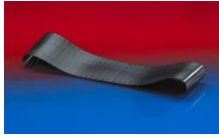
Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20°C and are approx.

I.D.	outer Ø	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(mm)	(kg/m)	(m)	
20 / 508	520.00	0,005	110.00	4.51	3 6	487-0508-0000

Accessories



CONNECT 270-271



CONNECT 228



CLAMP 217



CLAMP 213



CLAMP 212

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.