

Clamp profile hose (clip hose), (up to +280°C)

Application

- ♦ flexible hose/ ducting for hot and cold gases and for dust, powder, fibres
- ♦ high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill

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
- ♦ flame-retardant according to: DIN 4102-B1
- ♦ conforms to RoHS guideline
- ♦ REACH according to --> Technology / Technical Information / REACH

Temperature Range

- ♦ -70°C to 260°C
- ♦ short time to 280°C

Design

- ♦ CP construction
- ♦ clamp profile supporting spiral: galvanised steel
- ♦ wall: Silicone coated glass fabric

Delivery variants

- ♦ further diameters and lengths available on request
- ♦ stainless steel (INOX) clamp profile
- ♦ double-layer

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	0,525	0,300	18.00	0.68	6	460-0050-0000
- / 55	67.00	0,500	0,280	20.00	0.74	6	460-0055-0000
2,36 / 60	72.00	0,480	0,250	20.00	0.80	6	460-0060-0000
2,5 / 63-65	77.00	0,460	0,230	22.00	0.86	6	460-0065-0000
- / 70	82.00	0,440	0,210	22.00	0.92	6	460-0070-0000
3 / 75-76	87.00	0,420	0,180	24.00	0.98	6	460-0075-0000
- / 80	92.00	0,405	0,160	24.00	1.04	6	460-0080-0000
3,5 / 89-90	102.00	0,375	0,110	26.00	1.16	6	460-0090-0000
4 / 100-102	112.00	0,250	0,100	28.00	0.95	6	460-0100-0000
- / 110	122.00	0,240	0,085	30.00	1.04	3 6	460-0110-0000
4,5 / 114-115	127.00	0,230	0,080	32.00	1.09	3 6	460-0115-0000
4,72 / 120	132.00	0,225	0,075	32.00	1.13	3 6	460-0120-0000
5 / 125-127	137.00	0,220	0,070	34.00	1.18	3 6	460-0125-0000
- / 130	142.00	0,215	0,060	34.00	1.22	3 6	460-0130-0000
5,5 / 140	152.00	0,205	0,050	36.00	1.31	3 6	460-0140-0000
6 / 150-152	162.00	0,140	0,040	38.00	0.95	3 6	460-0150-0000
6,3 / 160	172.00	0,135	0,035	40.00	1.01	3 6	460-0160-0000
- / 170	182.00	0,130	0,035	42.00	1.07	3 6	460-0170-0000
- / 175	187.00	0,125	0,030	44.00	1.10	3 6	460-0175-0000
7 / 178-180	192.00	0,125	0,030	44.00	1.13	3 6	460-0180-0000
8 / 200-203	212.00	0,115	0,025	48.00	1.25	3 6	460-0200-0000
- / 215	227.00	0,110	0,020	52.00	1.34	3 6	460-0215-0000
- / 225	237.00	0,110	0,020	54.00	1.40	3 6	460-0225-0000
9 / 228-229	240.00	0,110	0,020	54.00	1.46	3 6	460-0228-0000
- / 250	262.00	0,080	0,020	58.00	1.56	3 6	460-0250-0000
10 / 254	266.00	0,080	0,020	60.00	1.59	3 6	460-0254-0000
- / 275	287.00	0,075	0,015	64.00	1.71	3 6	460-0275-0000
- / 300	312.00	0,070	0,010	68.00	1.86	3 6	460-0300-0000

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	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
12 / 305	317.00	0,070	0,010	69.00	1.89	3 6	460-0305-0000
- / 315	327.00	0,070	0,010	71.00	1.95	3 6	460-0315-0000
- / 325	337.00	0,070	0,010	74.00	2.03	3 6	460-0325-0000
- / 400	412.00	0,050	0,010	88.00	2.47	3 6	460-0400-0000
16 / 405-406	418.00	0,050	0,010	90.00	2.51	3 6	460-0406-0000
18 / 457	469.00	0,045	0,005	100.00	2.81	3 6	460-0457-0000
- / 500	512.00	0,040	0,005	108.00	3.07	3 6	460-0500-0000
20 / 508	520.00	0,030	0,005	110.00	3.12	3 6	460-0508-0000
- / 750	762.00	0,020	0,001	158.00	4.60	3	460-0750-0000

Accessories



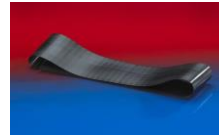
CLAMP 217



CONNECT 270-271



CLAMP 212



CONNECT 228



CLAMP 213