



High-temperature hose, clamp profile hose (clip hose), (up to +450 °C)

Application

- flexible hose/ ducting for hot and cold gases
- high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill
- infrared heating systems, gas-fired radiant tube heater: hot air tube

Properties

- very good resistance to flying sparks and welding sparks
- abrasion protection via external clamp profile
- secure clamping of the wall within the clamp profile

- secure clamping of the wall within the clamp profile
- highly flexible + compressible 3:1
- very good heat resistance
- flame-retardant according to: DIN 4102-B1
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- 60 °C to 400 °C

Design

- CP construction
- clamp profile supporting spiral: galvanised steel
- wall: stainless steel wire reinforced and special coated glass fabric

Delivery variants

- further diameters and lengths 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)	
1,5 / 38	50.00	0,450	21.00	0.55	6	480-0038-0000
- / 40	52.00	0,440	22.00	0.58	6	480-0040-0000
2 / 50-51	62.00	0,380	25.00	0.74	6	480-0050-0000
- / 55	67.00	0,350	27.00	0.80	6	480-0055-0000
2,36 / 60	72.00	0,320	28.00	0.87	6	480-0060-0000
2,5 / 63-65	77.00	0,290	30.00	0.94	6	480-0065-0000
- / 70	82.00	0,260	31.00	1.00	6	480-0070-0000
3 / 75-76	87.00	0,230	33.00	1.07	6	480-0075-0000
- / 80	92.00	0,200	34.00	1.13	6	480-0080-0000
3,5 / 89-90	102.00	0,140	37.00	1.26	6	480-0090-0000
4 / 100-102	112.00	0,120	51.00	1.00	6	480-0100-0000
- / 110	122.00	0,105	55.00	1.09	3 6	480-0110-0000
4,5 / 114-115	127.00	0,098	57.00	1.14	3 6	480-0115-0000
4,72 / 120	132.00	0,090	59.00	1.19	3 6	480-0120-0000
5 / 125-127	137.00	0,085	61.00	1.23	3 6	480-0125-0000
- / 130	142.00	0,075	63.00	1.28	3 6	480-0130-0000
5,5 / 140	152.00	0,060	67.00	1.38	3 6	480-0140-0000
6 / 150-152	162.00	0,050	38.00	1.00	3 6	480-0150-0000
6,3 / 160	172.00	0,045	40.00	1.07	3 6	480-0160-0000
6,5 / 165	177.00	0,045	41.00	1.10	3 6	480-0165-0000
- / 170	182.00	0,040	42.00	1.13	3 6	480-0170-0000
- / 175	187.00	0,040	44.00	1.16	3 6	480-0175-0000
7 / 178-180	192.00	0,040	44.00	1.20	3 6	480-0180-0000
8 / 200-203	212.00	0,030	48.00	1.32	3 6	480-0200-0000
- / 215	227.00	0,030	52.00	1.42	3 6	480-0215-0000
- / 225	237.00	0,025	54.00	1.48	3 6	480-0225-0000

I.D.	outer Ø	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(mm)	(kg/m)	(m)	
9 / 228-229	240.00	0,025	54.00	1.54	3 6	480-0228-0000
- / 250	262.00	0,025	58.00	1.65	3 6	480-0250-0000
10 / 254	266.00	0,020	60.00	1.68	3 6	480-0254-0000
- / 275	287.00	0,020	64.00	1.81	3 6	480-0275-0000
11 / 280	292.00	0,015	65.00	1.85	3 6	480-0280-0000
- / 300	312.00	0,015	68.00	1.97	3 6	480-0300-0000
12 / 305	317.00	0,015	69.00	2.00	3 6	480-0305-0000
- / 315	327.00	0,015	71.00	2.06	3 6	480-0315-0000
- / 325	337.00	0,015	74.00	2.13	3 6	480-0325-0000
13 / 330	342.00	0,015	75.00	2.16	3 6	480-0330-0000
- / 350	362.00	0,015	78.00	2.29	3 6	480-0350-0000
14 / 356	368.00	0,015	80.00	2.32	3 6	480-0356-0000
- / 375	387.00	0,010	83.00	2.43	3 6	480-0375-0000
- / 400	412.00	0,010	88.00	2.61	3 6	480-0400-0000
16 / 405-406	418.00	0,010	90.00	2.65	3 6	480-0406-0000
- / 450	462.00	0,010	98.00	2.93	3 6	480-0450-0000
18 / 457	469.00	0,010	100.00	2.98	3 6	480-0457-0000
- / 500	512.00	0,005	108.00	3.25	3 6	480-0500-0000
20 / 508	520.00	0,005	110.00	3.30	3 6	480-0508-0000
- / 600	612.00	0,005	128.00	3.89	3	480-0600-0000
24 / 610	622.00	0,005	130.00	3.96	3	480-0610-0000
- / 700	712.00	0,002	148.00	4.54	3	480-0700-0000
28 / 712	724.00	0,002	151.00	4.62	3	480-0712-0000
- / 750	762.00	0,002	158.00	4.86	3	480-0750-0000
- / 800	812.00	0,002	168.00	5.18	3	480-0800-0000
32 / 813-815	827.00	0,002	171.00	5.28	3	480-0815-0000
- / 900	912.00	0,001	188.00	5.82	3	480-0900-0000
36 / 915	927.00	0,001	191.00	5.92	3	480-0915-0000
- / 1000	1012.00	0,001	208.00	6.46	3	480-1000-0000
40 / 1016	1028.00	0,001	213.00	6.56	3	480-1016-0000

Accessories



CLAMP 217



CLAMP 212



CONNECT 228



CLAMP 213



CONNECT 270-271