



High-temperature hose, clamp profile hose (clip hose), double-layer (up to +700 °C)



Application

- 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

- abrasion protection via external clamp profile
- secure clamping of the wall within the clamp profile
- 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 600 °C

- short time to 700 °C

Design

- CP construction
- clamp profile supporting spiral: all-stainless steel (INOX)
- double-layer wall
- wall: stainless steel wire reinforced and special coated glass fabric

Delivery variants

- further diameters and lengths available on request

I.D.	outer Ø	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(mm)	(kg/m)	(m)	
3 / 75-76	89.00	0,290	43.00	1.85	6	481-0075-0000
- / 80	94.00	0,250	45.00	1.93	6	481-0080-0000
3,5 / 89-90	104.00	0,180	49.00	2.19	6	481-0090-0000
4 / 100-102	114.00	0,150	53.00	2.10	6	481-0100-0000
- / 110	124.00	0,130	57.00	2.30	3 6	481-0110-0000
4,5 / 114-115	129.00	0,120	59.00	2.40	3 6	481-0115-0000
4,72 / 120	134.00	0,110	61.00	2.50	3 6	481-0120-0000
5 / 125-127	139.00	0,100	63.00	2.60	3 6	481-0125-0000
- / 130	144.00	0,095	65.00	2.69	3 6	481-0130-0000
5,5 / 140	154.00	0,075	69.00	2.89	3 6	481-0140-0000
6 / 150-152	164.00	0,060	73.00	2.11	3 6	481-0150-0000
6,3 / 160	174.00	0,055	77.00	2.25	3 6	481-0160-0000
6,5 / 165	179.00	0,050	79.00	2.32	3 6	481-0165-0000
- / 170	184.00	0,050	81.00	2.38	3 6	481-0170-0000
- / 175	189.00	0,050	83.00	2.45	3 6	481-0175-0000
7 / 178-180	194.00	0,050	85.00	2.52	3 6	481-0180-0000
8 / 200-203	214.00	0,040	93.00	2.79	3 6	481-0200-0000
- / 215	229.00	0,035	99.00	2.99	3 6	481-0215-0000
- / 225	239.00	0,030	103.00	3.13	3 6	481-0225-0000
9 / 228-229	242.00	0,030	106.00	3.25	3 6	481-0228-0000
- / 250	264.00	0,030	113.00	3.47	3 6	481-0250-0000
10 / 254	268.00	0,025	115.00	3.53	3 6	481-0254-0000
- / 275	289.00	0,025	123.00	3.81	3 6	481-0275-0000
11 / 280	294.00	0,020	125.00	3.88	3 6	481-0280-0000
- / 300	314.00	0,020	133.00	4.14	3 6	481-0300-0000
12 / 305	319.00	0,020	135.00	4.21	3 6	481-0305-0000

I.D.	outer Ø	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(mm)	(kg/m)	(m)	
- / 315	329.00	0,020	139.00	4.35	3 6	481-0315-0000
- / 325	339.00	0,015	143.00	4.48	3 6	481-0325-0000
13 / 330	344.00	0,015	145.00	4.55	3 6	481-0330-0000
- / 350	364.00	0,015	153.00	4.82	3 6	481-0350-0000
14 / 356	370.00	0,015	156.00	4.89	3 6	481-0356-0000
- / 375	389.00	0,015	163.00	5.10	3 6	481-0375-0000
- / 400	414.00	0,015	173.00	5.50	3 6	481-0400-0000
16 / 405-406	420.00	0,010	176.00	5.58	3 6	481-0406-0000
- / 450	464.00	0,010	193.00	6.17	3 6	481-0450-0000
18 / 457	471.00	0,010	196.00	6.27	3 6	481-0457-0000
- / 500	514.00	0,005	213.00	6.85	3 6	481-0500-0000
20 / 508	522.00	0,005	217.00	6.96	3 6	481-0508-0000
- / 600	614.00	0,005	253.00	8.21	3	481-0600-0000
24 / 610	624.00	0,005	257.00	8.35	3	481-0610-0000
- / 700	714.00	0,005	293.00	9.56	3	481-0700-0000
28 / 712	726.00	0,005	298.00	9.73	3	481-0712-0000
- / 750	764.00	0,003	313.00	10.24	3	481-0750-0000
- / 800	814.00	0,002	333.00	10.91	3	481-0800-0000
32 / 813-815	829.00	0,001	339.00	11.12	3	481-0815-0000
- / 900	914.00	0,001	373.00	12.27	3	481-0900-0000
36 / 915	929.00	0,001	379.00	12.47	3	481-0915-0000
- / 1000	1014.00	0,001	413.00	13.62	3	481-1000-0000
40 / 1016	1030.00	0,001	420.00	13.84	3	481-1016-0000

Accessories



CLAMP 212



CLAMP 217



CONNECT 228



CONNECT 270-271



CLAMP 213