



High-temperature hose, clamp profile hose (clip hose), multi-layer, insulating (up to 1.100 °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

- abrasion protection via external clamp profile
- secure clamping of the wall within the clamp profile
- insulating
- extremely heat resistant
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- 60 °C to 900 °C
- short time to 1.100 °C

Design

- CP construction
- clamp profile supporting spiral: all-stainless steel (INOX)
- multi-layer hose wall
- wall: interior stainless steel wire reinforced and special coated glass fabric, thermo-insulation fabric, exterior special coated glass fabric
- special thermal insulation layer

Delivery variants

- further diameters and lengths available on request

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	114.00	0,130	0,180	64.00	2.80	6	483-0100-0000
- / 110	124.00	0,125	0,160	69.00	3.05	3 6	483-0110-0000
4,5 / 114-115	129.00	0,120	0,150	72.00	3.18	3 6	483-0115-0000
4,72 / 120	134.00	0,115	0,140	74.00	3.31	3 6	483-0120-0000
5 / 125-127	139.00	0,115	0,120	77.00	3.43	3 6	483-0125-0000
- / 130	144.00	0,110	0,110	79.00	3.56	3 6	483-0130-0000
5,5 / 140	154.00	0,105	0,090	84.00	3.82	3 6	483-0140-0000
6 / 150-152	164.00	0,070	0,075	89.00	3.07	3 6	483-0150-0000
6,3 / 160	174.00	0,065	0,070	94.00	3.27	3 6	483-0160-0000
6,5 / 165	179.00	0,065	0,065	97.00	3.37	3 6	483-0165-0000
- / 170	184.00	0,065	0,065	99.00	3.46	3 6	483-0170-0000
- / 175	189.00	0,065	0,060	102.00	3.55	3 6	483-0175-0000
7 / 178-180	194.00	0,065	0,055	104.00	3.65	3 6	483-0180-0000
8 / 200-203	214.00	0,060	0,045	114.00	4.03	3 6	483-0200-0000
- / 215	229.00	0,055	0,040	122.00	4.32	3 6	483-0215-0000
- / 225	239.00	0,055	0,040	127.00	4.51	3 6	483-0225-0000
9 / 228-229	242.00	0,055	0,035	129.00	4.59	3 6	483-0228-0000
- / 250	264.00	0,040	0,035	139.00	4.99	3 6	483-0250-0000
10 / 254	268.00	0,040	0,030	141.00	5.07	3 6	483-0254-0000
- / 275	289.00	0,040	0,030	152.00	5.47	3 6	483-0275-0000
11 / 280	294.00	0,040	0,025	154.00	5.57	3 6	483-0280-0000
- / 300	314.00	0,035	0,025	164.00	5.95	3 6	483-0300-0000
12 / 305	319.00	0,035	0,025	167.00	6.02	3 6	483-0305-0000
- / 315	329.00	0,035	0,025	172.00	6.15	3 6	483-0315-0000
- / 325	339.00	0,035	0,015	177.00	6.55	3 6	483-0325-0000

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(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
13 / 330	344.00	0,035	0,015	179.00	6.63	3 6	483-0330-0000
- / 350	364.00	0,025	0,015	189.00	6.91	3 6	483-0350-0000
14 / 356	370.00	0,025	0,015	192.00	7.00	3 6	483-0356-0000
- / 375	389.00	0,025	0,015	202.00	7.25	3 6	483-0375-0000
- / 400	414.00	0,025	0,010	214.00	7.87	3 6	483-0400-0000
16 / 405-406	420.00	0,025	0,010	217.00	7.99	3 6	483-0406-0000
- / 450	464.00	0,020	0,010	239.00	8.83	3 6	483-0450-0000
18 / 457	471.00	0,020	0,010	243.00	8.96	3 6	483-0457-0000
- / 500	514.00	0,020	0,010	264.00	9.79	3 6	483-0500-0000
20 / 508	522.00	0,015	0,010	270.00	9.94	3 6	483-0508-0000

Accessories



CLAMP 213



CONNECT 228



CLAMP 217



CONNECT 270-271



CLAMP 212