

High-temperature hose, clamp profile hose (clip hose), (up to +400 °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
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill
- bellows, compensators

**Properties**

- abrasion protection via external clamp profile

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- secure clamping of the wall within the clamp profile
- highly flexible + compressible 4:1
- very good heat resistance
- good resistance to alkalis and acids
- extremely good resistance to chemicals
- 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: Kapton® laminated glass fabric

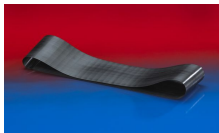
**Delivery variants**

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

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	0,520	0,370	18.00	0.68	6	476-0050-0000
- / 55	67.00	0,495	0,340	20.00	0.74	6	476-0055-0000
2,36 / 60	72.00	0,475	0,310	20.00	0.80	6	476-0060-0000
2,5 / 63-65	77.00	0,455	0,285	22.00	0.86	6	476-0065-0000
- / 70	82.00	0,435	0,255	22.00	0.92	6	476-0070-0000
3 / 75-76	87.00	0,415	0,225	24.00	0.98	6	476-0075-0000
- / 80	92.00	0,400	0,210	24.00	1.04	6	476-0080-0000
3,5 / 89-90	102.00	0,370	0,195	26.00	1.16	6	476-0090-0000
4 / 100-102	112.00	0,250	0,160	28.00	0.95	6	476-0100-0000
- / 110	122.00	0,235	0,130	30.00	1.04	3 6	476-0110-0000
4,5 / 114-115	127.00	0,230	0,120	32.00	1.09	3 6	476-0115-0000
4,72 / 120	132.00	0,225	0,113	32.00	1.13	3 6	476-0120-0000
5 / 125-127	137.00	0,215	0,105	34.00	1.18	3 6	476-0125-0000
- / 130	142.00	0,210	0,090	34.00	1.22	3 6	476-0130-0000
5,5 / 140	152.00	0,200	0,075	36.00	1.31	3 6	476-0140-0000
6 / 150-152	162.00	0,140	0,070	38.00	0.95	3 6	476-0150-0000
6,3 / 160	172.00	0,135	0,056	40.00	1.01	3 6	476-0160-0000
6,5 / 165	177.00	0,130	0,056	41.00	1.04	3 6	476-0165-0000
- / 170	182.00	0,130	0,056	42.00	1.07	3 6	476-0170-0000
- / 175	187.00	0,125	0,048	44.00	1.10	3 6	476-0175-0000
7 / 178-180	192.00	0,125	0,048	44.00	1.13	3 6	476-0180-0000
8 / 200-203	212.00	0,115	0,040	48.00	1.25	3 6	476-0200-0000
- / 215	227.00	0,110	0,032	52.00	1.34	3 6	476-0215-0000
- / 225	237.00	0,105	0,032	54.00	1.40	3 6	476-0225-0000

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(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
9 / 228-229	240.00	0,105	0,030	54.00	1.46	<b>3 6</b>	476-0228-0000
- / 250	262.00	0,080	0,027	58.00	1.56	<b>3 6</b>	476-0250-0000
10 / 254	266.00	0,080	0,025	60.00	1.59	<b>3 6</b>	476-0254-0000
- / 275	287.00	0,075	0,020	64.00	1.71	<b>3 6</b>	476-0275-0000
11 / 280	292.00	0,075	0,020	65.00	1.74	<b>3 6</b>	476-0280-0000
- / 300	312.00	0,070	0,016	68.00	1.86	<b>3 6</b>	476-0300-0000
12 / 305	317.00	0,070	0,016	69.00	1.89	<b>3 6</b>	476-0305-0000
- / 315	327.00	0,070	0,016	71.00	1.95	<b>3 6</b>	476-0315-0000
- / 325	337.00	0,065	0,015	74.00	2.03	<b>3 6</b>	476-0325-0000
13 / 330	342.00	0,065	0,015	75.00	2.07	<b>3 6</b>	476-0330-0000
- / 350	362.00	0,055	0,015	78.00	2.16	<b>3 6</b>	476-0350-0000
14 / 356	368.00	0,050	0,015	80.00	2.19	<b>3 6</b>	476-0356-0000
- / 375	387.00	0,050	0,012	83.00	2.26	<b>3 6</b>	476-0375-0000
- / 400	412.00	0,050	0,012	88.00	2.47	<b>3 6</b>	476-0400-0000
16 / 405-406	418.00	0,050	0,012	90.00	2.51	<b>3 6</b>	476-0406-0000
- / 450	462.00	0,045	0,005	98.00	2.77	<b>3 6</b>	476-0450-0000
18 / 457	469.00	0,045	0,005	100.00	2.81	<b>3 6</b>	476-0457-0000
- / 500	512.00	0,040	0,005	110.00	3.07	<b>3 6</b>	476-0500-0000
20 / 508	520.00	0,030	0,005	110.00	3.12	<b>3 6</b>	476-0508-0000
- / 600	612.00	0,025	0,005	130.00	3.68	<b>3</b>	476-0600-0000
24 / 610	622.00	0,025	0,005	130.00	3.74	<b>3</b>	476-0610-0000
- / 700	712.00	0,020	0,002	151.00	4.29	<b>3</b>	476-0700-0000
28 / 712	724.00	0,020	0,002	151.00	4.36	<b>3</b>	476-0712-0000
- / 750	762.00	0,020	0,001	158.00	4.60	<b>3</b>	476-0750-0000
- / 800	812.00	0,020	0,001	168.00	4.90	<b>3</b>	476-0800-0000
32 / 813-815	827.00	0,020	0,001	171.00	4.99	<b>3</b>	476-0815-0000
- / 900	912.00	0,020	0,001	188.00	5.50	<b>3</b>	476-0900-0000
36 / 915	927.00	0,015	0,001	191.00	5.59	<b>3</b>	476-0915-0000
- / 1000	1012.00	0,015	0,001	208.00	6.11	<b>3</b>	476-1000-0000
40 / 1016	1028.00	0,015	0,001	213.00	6.20	<b>3</b>	476-1016-0000

## Accessories



CONNECT 228



CLAMP 212



CLAMP 213



CLAMP 217



CONNECT 270-271