



Clamp profile hose (clip hose), vibration-resistant (up to +300 °C)



Application

- flexible hose/ ducting for hot and cold gases and for dust, powder, fibres
- vehicle gas exhaust system, car gas extraction: hose reel, slotted floor channel, underfloor extraction system
- high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill
- bellows, compensators

Properties

- abrasion protection via external clamp profile
- secure clamping of the wall within the clamp profile
- highly flexible + compressible 4:1

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- vibration resistant
- very good heat resistance
- good resistance to chemicals
- flame-retardant according to: DIN 4102-B1
- Aramid wall: Fire-class "M1" according to UNE 23.727-90
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- short time to 300 °C

Design

- CP construction
- clamp profile supporting spiral: galvanised steel
- wall: special-coated high-temperature fabric

Delivery variants

- further diameters and lengths available on request
- Stainless Steel (INOX)

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
1,5 / 38	50.00	0,600	0,450	21.00	0.47	6	461-0038-0000
- / 40	52.00	0,585	0,440	22.00	0.49	6	461-0040-0000
2 / 50-51	62.00	0,525	0,380	25.00	0.62	6	461-0050-0000
2,36 / 60	72.00	0,480	0,320	28.00	0.73	6	461-0060-0000
2,5 / 63-65	77.00	0,460	0,290	30.00	0.79	6	461-0065-0000
- / 70	82.00	0,440	0,260	31.00	0.84	6	461-0070-0000
3 / 75-76	87.00	0,420	0,230	33.00	0.90	6	461-0075-0000
- / 80	92.00	0,405	0,200	34.00	0.95	6	461-0080-0000
3,5 / 89-90	102.00	0,375	0,140	37.00	1.06	6	461-0090-0000
4 / 100-102	112.00	0,250	0,120	40.00	0.86	6	461-0100-0000
- / 110	122.00	0,240	0,105	43.00	0.94	3 6	461-0110-0000
4,5 / 114-115	127.00	0,230	0,095	45.00	0.99	3 6	461-0115-0000
4,72 / 120	132.00	0,225	0,090	46.00	1.03	3 6	461-0120-0000
5 / 125-127	137.00	0,220	0,085	48.00	1.07	3 6	461-0125-0000
- / 130	142.00	0,215	0,075	49.00	1.11	3 6	461-0130-0000
5,5 / 140	152.00	0,205	0,060	52.00	1.19	3 6	461-0140-0000
6 / 150-152	162.00	0,140	0,050	55.00	0.83	3 6	461-0150-0000
6,3 / 160	172.00	0,135	0,045	58.00	0.89	3 6	461-0160-0000
6,5 / 165	177.00	0,130	0,045	60.00	0.92	3 6	461-0165-0000
- / 170	182.00	0,130	0,040	61.00	0.94	3 6	461-0170-0000
- / 175	187.00	0,125	0,040	63.00	0.97	3 6	461-0175-0000
7 / 178-180	192.00	0,125	0,040	64.00	1.00	3 6	461-0180-0000
8 / 200-203	212.00	0,115	0,030	70.00	1.10	3 6	461-0200-0000
- / 215	227.00	0,110	0,030	75.00	1.18	3 6	461-0215-0000



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(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
- / 225	237.00	0,110	0,025	78.00	1.24	3 6	461-0225-0000
9 / 228-229	240.00	0,110	0,025	79.00	1.26	3 6	461-0228-0000
- / 250	262.00	0,080	0,025	85.00	1.37	3 6	461-0250-0000
10 / 254	266.00	0,080	0,020	86.00	1.40	3 6	461-0254-0000
- / 275	287.00	0,075	0,020	93.00	1.50	3 6	461-0275-0000
11 / 280	292.00	0,075	0,015	94.00	1.53	3 6	461-0280-0000
- / 300	312.00	0,070	0,015	100.00	1.64	3 6	461-0300-0000
12 / 305	317.00	0,070	0,015	102.00	1.67	3 6	461-0305-0000
- / 315	327.00	0,070	0,015	104.00	1.72	3 6	461-0315-0000
- / 325	337.00	0,070	0,015	107.00	1.77	3 6	461-0325-0000
13 / 330	342.00	0,065	0,015	108.00	1.80	3 6	461-0330-0000
- / 350	362.00	0,055	0,015	115.00	1.90	3 6	461-0350-0000
14 / 356	368.00	0,055	0,015	117.00	1.96	3 6	461-0356-0000
- / 375	387.00	0,050	0,010	123.00	2.13	3 6	461-0375-0000
- / 400	412.00	0,050	0,010	130.00	2.17	3 6	461-0400-0000
16 / 405-406	418.00	0,050	0,010	132.00	2.21	3 6	461-0406-0000
- / 450	462.00	0,045	0,010	145.00	2.44	3 6	461-0450-0000
18 / 457	469.00	0,045	0,010	147.00	2.48	3 6	461-0457-0000
- / 500	512.00	0,040	0,005	160.00	2.71	3 6	461-0500-0000
20 / 508	520.00	0,030	0,005	163.00	2.75	3 6	461-0508-0000
- / 600	612.00	0,025	0,005	190.00	3.24	3	461-0600-0000
24 / 610	622.00	0,025	0,005	193.00	3.30	3	461-0610-0000
- / 700	712.00	0,020	0,002	220.00	3.78	3	461-0700-0000
28 / 712	724.00	0,020	0,002	225.00	3.85	3	461-0712-0000
- / 750	762.00	0,020	0,002	235.00	4.05	3	461-0750-0000
- / 800	812.00	0,020	0,002	250.00	4.31	3	461-0800-0000
32 / 813-815	827.00	0,020	0,001	255.00	4.39	3	461-0815-0000
- / 900	912.00	0,020	0,001	280.00	4.87	3	461-0900-0000
36 / 915	927.00	0,020	0,001	285.00	4.95	3	461-0915-0000
- / 1000	1012.00	0,015	0,001	310.00	5.38	3	461-1000-0000
40 / 1016	1028.00	0,015	0,001	315.00	5.46	3	461-1016-0000

Accessories



CONNECT 270-271



CLAMP 212



CLAMP 213



CONNECT 228



CLAMP 217