

High-temperature suction and blast hose; Silicone, super-light, highly flexible + compressible, Ø up to 1.000 mm (to 260°C)

Applications

- high temperature extraction: ovens, foundries, furnaces, smeltings, ceramic industry, glass industry, steel plants, aluminium mills

Properties

- abrasion protection via external Clamp profile
- firm clamping of the wall in Clamp profile
- highly flexible + compressible 4:1
- very good heat resistance
- small bending radiuses

- kink-proof
- light weight
- flame-retardant according to: DIN 4102-B1
- conform to RoHS guideline

Temperature Range

- -70°C to 260°C
- short time to 280°C

Design, Material

CP construction

1. Clamp profile supporting spiral: galvanised steel
2. wall: Silicon coated glass fabric

Delivery variants

- further diameters and lengths available on request
- stainless steel (INOX) Clamp profile
- double-layer
- customized designs with special Clamp profile supporting spiral pitch and wall materials

I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
2 / 50-51	62	0,560	0,300	18,0	0,680	6	-	460-0050-0000
- / 55	67	0,530	0,280	19,5	0,740	-	6	460-0055-0000
2,36 / 60	72	0,500	0,250	20,0	0,800	6	-	460-0060-0000
2,5 / 63-65	77	0,480	0,230	21,5	0,860	6	-	460-0065-0000
- / 70	82	0,455	0,210	22,0	0,920	-	6	460-0070-0000
3 / 75-76	87	0,435	0,180	23,5	0,980	6	-	460-0075-0000
- / 80	92	0,420	0,160	24,0	1,040	6	-	460-0080-0000
3,5 / 89-90	102	0,385	0,110	26,0	1,160	6	-	460-0090-0000
4 / 100-102	112	0,255	0,100	28,0	0,950	6	-	460-0100-0000
- / 110	122	0,240	0,085	30,0	1,040	3 6	-	460-0110-0000
4,5 / 114-115	127	0,230	0,080	31,5	1,090	3 6	-	460-0115-0000
4,72 / 120	132	0,225	0,075	32,0	1,130	3 6	-	460-0120-0000
5 / 125-127	137	0,220	0,070	33,5	1,180	3 6	-	460-0125-0000
- / 130	142	0,215	0,060	34,0	1,220	-	3 6	460-0130-0000
5,5 / 140	152	0,205	0,050	36,0	1,310	3 6	-	460-0140-0000
6 / 150-152	162	0,140	0,040	38,0	0,950	3 6	-	460-0150-0000
6,3 / 160	172	0,135	0,035	40,0	1,010	3 6	-	460-0160-0000
6,5 / 165	177	0,130	0,035	41,0	1,040	-	3 6	460-0165-0000
- / 170	182	0,130	0,035	42,0	1,070	3 6	-	460-0170-0000
- / 175	187	0,125	0,030	43,5	1,100	-	3 6	460-0175-0000
7 / 178-180	192	0,125	0,030	44,0	1,130	3 6	-	460-0180-0000
8 / 200-203	212	0,115	0,025	48,0	1,250	3 6	-	460-0200-0000
- / 215	227	0,110	0,020	51,5	1,340	-	3 6	460-0215-0000
- / 225	237	0,105	0,020	53,5	1,400	3 6	-	460-0225-0000
9 / 228-229	240	0,100	0,020	54,0	1,460	-	3 6	460-0228-0000
- / 250	262	0,080	0,020	58,0	1,560	3 6	-	460-0250-0000
10 / 254	266	0,080	0,020	60,0	1,590	-	3 6	460-0254-0000
- / 275	287	0,075	0,015	63,5	1,710	-	3 6	460-0275-0000
11 / 280	292	0,075	0,015	65,0	1,740	-	3 6	460-0280-0000
- / 300	312	0,070	0,010	68,0	1,860	3 6	-	460-0300-0000





I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
12 / 305	317	0,070	0,010	69,0	1,890	-	3 6	460-0305-0000
- / 315	327	0,065	0,010	70,5	1,950	-	3 6	460-0315-0000
- / 325	337	0,060	0,010	73,5	2,030	-	3 6	460-0325-0000
13 / 330	342	0,055	0,010	74,5	2,070	-	3 6	460-0330-0000
- / 350	362	0,050	0,010	78,0	2,160	3 6	-	460-0350-0000
14 / 356	368	0,050	0,010	79,5	2,190	-	3 6	460-0356-0000
- / 375	387	0,050	0,010	82,5	2,260	-	3 6	460-0375-0000
- / 400	412	0,045	0,010	88,0	2,470	3 6	-	460-0400-0000
16 / 405-406	418	0,045	0,010	89,5	2,510	-	3 6	460-0406-0000
- / 450	462	0,045	0,005	98,0	2,770	3 6	-	460-0450-0000
18 / 457	469	0,040	0,005	99,5	2,810	-	3 6	460-0457-0000
- / 500	512	0,030	0,005	108,0	3,070	3 6	-	460-0500-0000
20 / 508	520	0,030	0,005	110,0	3,120	-	3 6	460-0508-0000
- / 600	612	0,025	0,005	128,0	3,680	3	-	460-0600-0000
24 / 610	622	0,025	0,005	130,0	3,740	-	3	460-0610-0000
- / 700	712	0,020	0,002	148,0	4,290	3	-	460-0700-0000
28 / 712	724	0,020	0,002	150,5	4,360	-	3	460-0712-0000
- / 750	762	0,020	0,001	158,0	4,600	-	3	460-0750-0000
- / 800	812	0,020	0,001	168,0	4,900	3	-	460-0800-0000
32 / 813-815	827	0,020	0,001	171,0	4,990	-	3	460-0815-0000
- / 900	912	0,015	0,001	188,0	5,500	3	-	460-0900-0000
36 / 915	927	0,015	0,001	191,0	5,590	-	3	460-0915-0000
- / 1000	1012	0,015	0,001	208,0	6,110	3	-	460-1000-0000
40 / 1016	1028	0,015	0,001	213,0	6,200	-	3	460-1016-0000

Accessories



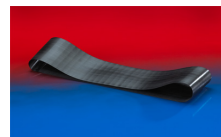
CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT 270-271



Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch.