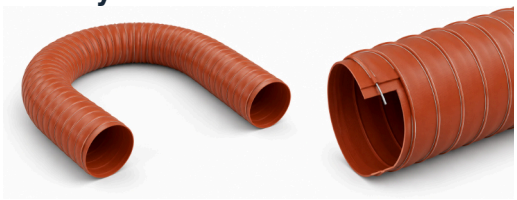
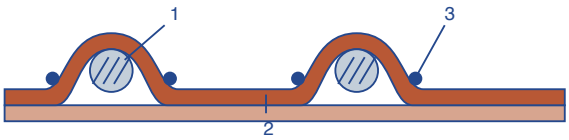
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VS.2

TECHNICAL DATA SHEET

Double-layer silicone hose for hot and cold gases





1 Steel helix · 2 Double wall · 3 External cords

Schematic section - not to scale

Applications
Flexible hose for conveying hot and cold gases.

Suitable for:
cooling air on extrusion tools and systems
UV dryers
IR / infrared dryers
cleanroom ventilation
semiconductor manufacturing equipment

Properties
Fabric-reinforced construction
Excellent heat resistance
RoHS compliant
Compliant with REACH requirements

Construction
Silicone hose with:
spring steel wire embedded in the hose wall
fabric reinforcement strip
wall made of silicone-coated glass fabric
wire reinforcement

Temperature range
Operating temperature: from -70 °C to +260 °C
Short-term peak temperature: up to +280 °C

Available versions
Additional sizes and lengths available upon request.

Internal Ø mm	External Ø mm	Working pressure bar	Vacuum bar	Bend radius mm	Max. length m	Weight kg/m
13	16	3	0.74	10	4	0.04
19	22	3	0.73	13	4	0.11
22	25	3	0.72	14	4	0.17
25	30	2.8	0.71	18	4	0.19
32	36	2.7	0.65	20	4	0.28
35	40	2.6	0.6	22	4	0.29
38	43	2.6	0.6	24	4	0.31
41	46	2.6	0.59	26	4	0.32
44	49	2.6	0.58	27	4	0.32
51	56	2.6	0.52	31	4	0.27
57	62	2.5	0.48	34	4	0.43
60	65	2.4	0.46	36	4	0.46
63	68	2.4	0.46	37	4	0.49
65	69	2.4	0.46	37	4	0.5
70	75	2.1	0.44	40	4	0.54
76	81	2.1	0.43	43	4	0.58
80	85	2.1	0.42	45	4	0.6
83	88	2.1	0.41	47	4	0.63
89	94	2	0.4	50	4	0.45
95	100	1.9	0.37	53	4	0.73
102	107	1.9	0.35	56	4	0.77
108	114	1.8	0.33	60	4	0.81
114	120	1.5	0.3	63	4	0.85
121	127	1.5	0.24	67	4	0.89
127	133	1.4	0.23	70	4	0.93
130	136	1.3	0.2	74	4	2.5
140	146	1.3	0.2	76	4	1
152	158	1.2	0.17	82	4	1.2
160	166	1.1	0.16	86	4	1.31
165	171	1.1	0.14	89	4	1.36
178	184	1	0.12	95	4	1.43
203	209	0.7	0.09	108	4	1.65
254	260	0.5	0.07	133	4	2.09
305	311	0.5	0.07	159	4	2.61

Pressure limits refer to a medium temperature of 20 °C. Bend radius measured on the inside of the bend.