

HIGH-TEMPERATURE

SIL 391 ONE

Single-layered silicone hose for hot and cold gases up to 280 C



SIL 391 ONE is the single-layered silicone hose with exceptional temperature capacity up to 280 C. Highly flexible and heat-resistant, ideal for hot-air drying, cooling and clean-room ventilation where neoprene cannot handle the temperature.

Media: Gas

Temp: -40 °C to 280 °C

✓ Cut to length

APPLICATIONS

- SIL 391 ONE-typical industrial application
- Highly flexible connection
- Compressed air and media transport
- Industrial process coupling
- Continuous operation
- High flexibility in compact spaces
- Robust mechanical load

Technical specifications

Material	Silicone
Colour	white / light
Wall construction	Silicone with reinforcement
Spiral material	Forstaerkning
Conveying media	Gas
Temperature range	-40 °C – 280 °C
Short-term peak	280 °C
Cut to length	Yes
Manufacturer SKU	3910000

Standards and compliance

en-iso-1307, REACH, RoHS, fda-21-cfr-177, EU 1935/2004

Dimensions and ordering

The hose is supplied in 31 standard sizes from inner Ø 19.0 mm to 305.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Outer Ø [mm]	Press. DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
19	21	1.8	0.58	12	4	0.08	4	39100190000
22	24	1.8	0.58	13	4	0.09	4	39100220000
25	29	1.5	0.58	17	4	0.12	4	39100250000
32	35	1.5	0.58	19	4	0.13	4	39100320000
38	42	1.5	0.58	23	4	0.17	4	39100380000
41	45	1.5	0.57	25	4	0.18	-	39100410000
44	48	1.5	0.56	26	4	0.19	4	39100440000
51	55	1.5	0.5	30	4	0.25	4	39100510000
57	61	1.3	0.5	33	4	0.28	4	39100570000
60	64	1.3	0.5	-	10	0.29	-	39100600000
63	67	1.3	0.5	36	4	0.3	4	39100630000
70	74	1.2	0.5	39	4	0.4	4	39100700000
76	80	1.1	0.39	42	4	0.41	4	39100760000
80	84	1.1	0.39	44	4	0.44	4	39100800000
83	87	1.1	0.39	46	4	0.47	4	39100830000
89	93	1.1	0.38	49	4	0.5	4	39100890000
95	99	1.1	0.38	52	4	0.54	4	39100950000
102	106	1.1	0.3	55	4	0.57	4	39101020000
108	113	1	0.3	59	4	0.68	4	39101080000
114	119	1	0.3	62	4	0.73	4	39101140000
121	126	0.9	0.29	66	4	0.76	4	39101210000
127	132	0.9	0.21	69	4	0.81	4	39101270000
140	145	0.9	0.2	75	4	0.89	4	39101400000
152	157	0.8	0.18	81	4	1.05	4	39101520000
160	165	0.7	0.16	85	4	1.1	-	39101600000
165	170	0.7	0.15	88	4	1.15	-	39101650000
178	183	0.6	0.14	94	4	1.21	4	39101780000
180	183	0.6	0.14	-	4	1.23	-	39101800000
203	208	0.6	0.1	107	4	1.38	4	39102030000
254	259	0.4	0.1	132	4	1.65	4	39102540000
305	310	0.1	0.07	158	4	2	4	39103050000

Fields without a value are not specified in the manufacturer's factsheet. Pressure values are recommended operating limits. Bend radius is measured along the inside of the hose bend.

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This datasheet is generated automatically from Particulair product data. All specifications are taken from the manufacturer's factsheet and are subject to change without notice. Prices and availability provided on request.