

HIGH-TEMPERATURE

SIL 391 TWO

Double-layered silicone hose with increased robustness and 280 C capacity



SIL 391 TWO is the double-layered silicone variant. Same exceptional temperature capacity (280 C) as the ONE variant, but with increased pressure and abrasion resistance for demanding high-temperature applications in industry and pharma.

Media: Gas

Temp: -40 °C to 280 °C

✓ Cut to length

APPLICATIONS

- SIL 391 TWO-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, double-layered
Colour	white / light
Wall construction	Silicone, double-layered 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	3910100

Standards and compliance

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

Dimensions and ordering

The hose is supplied in 34 standard sizes from inner Ø 13.0 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.
13	16	3	0.74	10	4	0.04	-	39100132005
19	22	3	0.73	13	10	0.11	4	39100192005
22	25	3	0.72	14	4	0.17	4	39100222005
25	30	2.8	0.71	18	10	0.19	4	39100252005
32	36	2.7	0.65	20	4	0.28	4	39100322005
35	40	2.6	0.6	22	4	0.29	-	39100352005
38	43	2.6	0.6	24	12	0.31	4	39100382005
41	46	2.6	0.59	26	10	0.32	-	39100412005
44	49	2.6	0.58	27	20	0.32	4	39100442005
51	56	2.6	0.52	31	20	0.27	4	39100512005
57	62	2.5	0.48	34	4	0.43	4	39100572005
60	65	2.4	0.46	36	6	0.46	-	39100602005
63	68	2.4	0.46	37	5	0.49	4	39100632005
65	69	2.4	0.46	37	28	0.5	-	39100652005
70	75	2.1	0.44	40	9	0.54	4	39100702005
76	81	2.1	0.43	43	8	0.58	4	39100762005
80	85	2.1	0.42	45	10	0.6	4	39100802005
83	88	2.1	0.41	47	11	0.63	4	39100832005
89	94	2	0.4	50	16	0.45	4	39100892005
95	100	1.9	0.37	53	4	0.73	4	39100952005
102	107	1.9	0.35	56	48	0.77	4	39101022005
108	114	1.8	0.33	60	4	0.81	4	39101082005
114	120	1.5	0.3	63	5	0.85	4	39101142005
121	127	1.5	0.24	67	4	0.89	4	39101212005
127	133	1.4	0.23	70	8	0.93	4	39101272005
130	136	1.3	0.2	74	4	2.5	-	39101302005
140	146	1.3	0.2	76	5	1	4	39101402005
152	158	1.2	0.17	82	32	1.2	4	39101522005
160	166	1.1	0.16	86	4	1.31	-	39101602005
165	171	1.1	0.14	89	4	1.36	-	39101652005
178	184	1	0.12	95	12	1.43	4	39101782005
203	209	0.7	0.09	108	15	1.65	4	39102032005

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.
254	260	0.5	0.07	133	6	2.09	4	39102542005
305	311	0.5	0.07	159	10	2.61	4	39103052005

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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