

FLEXADUX® SIL I

Light weight, one-ply spiral hose made of silicone

- Applications** extraction systems, vehicle construction, steam extraction, granule drying, automation technology & robotics
- Structure** coated fabrics / silicone coated glass fabric, brown / red brown (similar RAL 8012), steel wire / spring steel wire / not coated / copper plated
- Temperature** -70°C up to 250°C, short term up to 300°C
- Properties** light weight, excellent flexibility, very good temperature resistance, particularly small bending radius ($r < d$), good chemical resistance
- Optional** - with spiral-free ends



Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Working Pressure (bar)	Max. Vacuum (bar)	Weight (kg/m)	Article Number
13	0,20	7	1,50	0,53	0,08	50400013
19	0,20	8	1,60	0,51	0,08	50400019
25	0,20	8	1,60	0,51	0,12	50400025
32	0,20	10	1,40	0,50	0,13	50400032
38	0,20	12	1,30	0,50	0,17	50400038
41	0,20	21	1,30	0,45	0,18	50400041
51	0,20	26	1,20	0,43	0,25	50400051
55	0,20	27	1,10	0,42	0,27	50400055
60	0,20	30	1,10	0,40	0,30	50400060
63	0,20	32	1,10	0,40	0,32	50400063
65	0,20	33	1,10	0,40	0,34	50400065
70	0,20	35	1,10	0,36	0,40	50400070
76	0,20	36	1,10	0,34	0,41	50400076
80	0,20	40	1,00	0,30	0,44	50400080
83	0,20	41	1,00	0,31	0,47	50400083
90	0,20	45	0,90	0,30	0,49	50400090
102	0,20	51	0,90	0,26	0,57	50400102
110	0,20	56	0,80	0,21	0,69	50400110
120	0,20	60	0,80	0,19	0,76	50400120
127	0,20	64	0,80	0,17	0,81	50400127
140	0,20	70	0,70	0,15	0,89	50400140

Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Working Pressure (bar)	Max. Vacuum (bar)	Weight (kg/m)	Article Number
152	0,20	76	0,70	0,14	1,05	50400152
160	0,20	80	0,60	0,12	1,09	50400160
178	0,20	89	0,60	0,11	1,21	50400178
180	0,20	95	0,60	0,10	1,24	50400180
203	0,20	102	0,50	0,07	1,38	50400203
229	0,20	114	0,40	0,06	1,49	50400229
254	0,20	127	0,40	0,04	1,65	50400254
305	0,20	153	0,20	0,02	2,00	50400305