FLEXADUX® SIL I

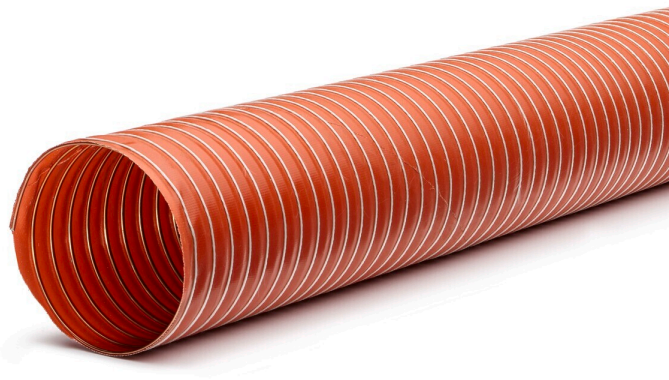
Light weight, one-ply spiral hose made of silicone

Applications extraction systems, vehicle construction, steam extraction, granule drying, automation technology & robotics

Structure silicone coated glass fabric, brown / red brown (similar RAL 8012), opaque, 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







Inner Diameter (mm)	Outer Diameter (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Total Weight per Piece (kg)	Length (m)	Article Number
25	27,00	12	1,60	0,51	0,48	4	50400025-0400-000-PL
32	34,00	16	1,40	0,50	0,52	4	50400032-0400-000-PL
38	40,60	19	1,30	0,50	0,66	4	50400038-0400-000-PL
41	43,60	21	1,30	0,45	0,71	4	50400041-0400-000-PL
51	53,60	25	1,20	0,43	1,00	4	50400051-0400-000-PL
60	62,60	30	1,10	0,40	1,20	4	50400060-0400-000-PL
63	65,60	31	1,10	0,40	1,28	4	50400063-0400-000-PL
65	67,60	33	1,10	0,40	1,36	4	50400065-0400-000-PL
70	73,14	35	1,10	0,36	1,58	4	50400070-0400-000-PL
76	79,14	38	1,10	0,34	1,64	4	50400076-0400-000-PL
80	83,14	40	1,00	0,30	1,76	4	50400080-0400-000-PL
83	86,14	41	1,00	0,31	1,88	4	50400083-0400-000-PL
90	93,14	45	0,90	0,30	1,96	4	50400090-0400-000-PL
102	105,14	51	0,90	0,26	2,28	4	50400102-0400-000-PL
114	117,14	57	0,80	0,20	2,92	4	50400114-0400-000-PL
127	130,14	63	0,80	0,17	3,22	4	50400127-0400-000-PL
152	155,60	76	0,70	0,14	4,20	4	50400152-0400-000-PL
203	207,10	101	0,50	0,07	5,52	4	50400203-0400-000-PL

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All technical data, measured at 23°C, are general orientation values and are subject to production-related tolerances. Max. operating pressures apply only for short periods. Technical changes and color deviations are subject to change. Other versions are available upon request.
Date: 24.11.2026