VACUFLEX® K1Z-MSC PU MHR INDUSTRIAL

Flexible spiral hose with a smooth inner surface, made of polyether polyurethane



Applications extraction systems, extractions arms, air supply, air extraction, vehicle construction

Structure Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated

Temperature -40°C up to 90°C, short term up to 125°C

Properties medium weight, good flexibility, corrugated outside, good tensile strength ultimate elongation, hydrolysis & microbe resistant, good ozone- & UV-resistance, weather proof, rot proof





made in Germany

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
32	38,00	0,80	38	2,30	0,55	0,25000	6-2000-032-10/998
35	41,00	0,80	41	2,30	0,55	0,27300	6-2000-035-10/998
38	44,00	0,80	44	2,30	0,55	0,29500	6-2000-038-10/998
40	46,00	0,80	46	2,30	0,55	0,31000	6-2000-040-10/998
42	48,00	0,80	48	2,30	0,55	0,32500	6-2000-042-10/998
45	51,00	0,80	51	2,30	0,55	0,34700	6-2000-045-10/998
50	56,00	0,80	56	2,30	0,55	0,38400	6-2000-050-10/998
51	57,00	0,80	57	2,00	0,42	0,39200	6-2000-051-10/998
55	61,00	0,80	61	2,00	0,42	0,42100	6-2000-055-10/998
60	66,00	0,80	66	2,00	0,42	0,45900	6-2000-060-10/998
65	71,00	0,80	71	2,00	0,42	0,49600	6-2000-065-10/998
70	76,00	0,80	76	2,00	0,42	0,51800	6-2000-070-10/998
76	82,00	0,80	82	1,50	0,35	0,56200	6-2000-076-10/998
80	86,00	0,80	86	1,50	0,35	0,59100	6-2000-080-10/998
83	89,00	0,80	89	1,50	0,35	0,61300	6-2000-083-10/998
90	96,00	0,80	96	1,50	0,35	0,66300	6-2000-090-10/998
100	107,00	0,80	107	1,00	0,30	0,86800	6-2000-100-10/998
102	109,00	0,80	109	1,00	0,30	0,88500	6-2000-102-10/998
110	117,00	0,80	117	1,00	0,30	0,95400	6-2000-110-10/998
120	127,00	0,80	127	1,00	0,30	1,03900	6-2000-120-10/998
125	132,00	0,80	132	1,00	0,30	1,08200	6-2000-125-10/998
127	134,00	0,80	134	1,00	0,30	1,09900	6-2000-127-10/998

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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

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
130	137,00	0,80	137	1,00	0,30	1,12400	6-2000-130-10/998
140	147,00	0,80	147	1,00	0,30	1,21000	6-2000-140-10/998
150	157,00	0,80	157	0,70	0,25	1,29500	6-2000-150-10/998
152	159,00	0,80	159	0,70	0,25	1,31200	6-2000-152-10/998
160	167,00	0,80	167	0,70	0,25	1,38000	6-2000-160-10/998
175	182,00	0,80	182	0,70	0,25	1,50800	6-2000-175-10/998
180	187,00	0,80	187	0,70	0,25	1,55100	6-2000-180-10/998
200	207,00	0,80	207	0,70	0,25	1,74700	6-2000-200-10/998
203	210,00	0,80	210	0,70	0,25	2,14600	6-2000-203-10/998
225	232,00	0,80	232	0,70	0,25	2,35300	6-2000-225-10/998
250	257,00	0,80	257	0,50	0,15	2,61200	6-2000-250-10/998
280	287,00	0,80	287	0,50	0,15	2,92300	6-2000-280-10/998
300	307,00	0,80	307	0,50	0,15	3,13000	6-2000-300-10/998
350	357,00	0,80	357	0,50	0,15	3,64800	6-2000-350-10/998

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