VACUFLEX® K1Z-MC 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 very good flexibility, excellent axial compressibility, good abrasion resistance, 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	37,00	0,60	37	1,50	0,38	0,20500	6-1000-032-10/998
35	40,00	0,60	40	1,50	0,38	0,22400	6-1000-035-10/998
38	43,00	0,60	43	1,50	0,38	0,24300	6-1000-038-10/998
40	45,00	0,60	45	1,50	0,38	0,25400	6-1000-040-10/998
42	47,00	0,60	47	1,50	0,38	0,26600	6-1000-042-10/998
45	50,00	0,60	50	1,50	0,38	0,28500	6-1000-045-10/998
50	55,00	0,60	55	1,50	0,38	0,31500	6-1000-050-10/998
51	56,00	0,60	56	1,30	0,30	0,32200	6-1000-051-10/998
55	60,00	0,60	60	1,30	0,30	0,34600	6-1000-055-10/998
60	65,00	0,60	65	1,30	0,30	0,37600	6-1000-060-10/998
65	70,00	0,60	70	1,30	0,30	0,40700	6-1000-065-10/998
70	75,00	0,60	75	1,30	0,30	0,42200	6-1000-070-10/998
76	81,00	0,60	81	0,80	0,25	0,48100	6-1000-076-10/998
80	85,00	0,60	85	0,80	0,25	0,48100	6-1000-080-10/998
83	88,00	0,60	88	0,80	0,25	0,53200	6-1000-083-10/998
90	95,00	0,60	95	0,80	0,25	0,54900	6-1000-090-10/998
100	106,00	0,60	106	0,60	0,20	0,73100	6-1000-100-10/998
102	108,00	0,60	108	0,60	0,20	0,62400	6-1000-102-10/998
110	116,00	0,60	116	0,60	0,20	0,80200	6-1000-110-10/998
120	126,00	0,60	126	0,60	0,20	0,85300	6-1000-120-10/998
125	131,00	0,60	131	0,60	0,20	0,91000	6-1000-125-10/998
127	133,00	0,60	133	0,60	0,20	0,74900	6-1000-127-10/998

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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	136,00	0,60	136	0,60	0,20	0,94600	6-1000-130-10/998
140	146,00	0,60	146	0,60	0,20	1,01800	6-1000-140-10/998
150	156,00	0,60	156	0,30	0,15	1,09000	6-1000-150-10/998
152	158,00	0,60	158	0,30	0,15	1,09800	6-1000-152-10/998
160	166,00	0,60	166	0,30	0,15	1,16100	6-1000-160-10/998
175	181,00	0,60	181	0,30	0,15	1,26900	6-1000-175-10/998
180	186,00	0,60	186	0,30	0,15	1,30600	6-1000-180-10/998
200	206,00	0,60	206	0,30	0,15	1,42000	6-1000-200-10/998
203	209,00	0,60	209	0,30	0,15	1,46400	6-1000-203-10/998
225	231,00	0,60	231	0,30	0,15	2,04500	6-1000-225-10/998
250	256,00	0,60	256	0,20	0,08	2,27000	6-1000-250-10/998
280	286,00	0,60	286	0,20	0,08	2,54100	6-1000-280-10/998
300	306,00	0,60	306	0,20	0,08	2,72100	6-1000-300-10/998
350	356,00	0,60	356	0,20	0,08	2,81600	6-1000-350-10/998

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