VACUFLEX® K1Z-LC PU MHR

Lightweight and highly flexible spiral hose 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 light weight, very good flexibility, 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	36,00	0,40	36	0,60	0,35	0,13800	6-0000-032-00/998
35	39,00	0,40	39	0,60	0,35	0,15000	6-0000-035-00/998
38	42,00	0,40	42	0,60	0,35	0,16300	6-0000-038-00/998
40	44,00	0,40	44	0,60	0,35	0,17100	6-0000-040-00/998
42	46,00	0,40	46	0,60	0,35	0,17900	6-0000-042-00/998
45	49,00	0,40	49	0,60	0,35	0,19100	6-0000-045-00/998
50	54,00	0,40	54	0,60	0,35	0,21200	6-0000-050-00/998
51	55,00	0,40	55	0,40	0,25	0,21600	6-0000-051-00/998
55	59,00	0,40	59	0,40	0,25	0,23300	6-0000-055-00/998
60	64,00	0,40	64	0,40	0,25	0,25300	6-0000-060-00/998
65	69,00	0,40	69	0,40	0,25	0,27400	6-0000-065-00/998
70	74,00	0,40	74	0,40	0,25	0,28400	6-0000-070-00/998
76	80,00	0,40	80	0,30	0,20	0,35200	6-0000-076-00/998
80	84,00	0,40	84	0,30	0,20	0,37000	6-0000-080-00/998
83	87,00	0,40	87	0,30	0,20	0,38400	6-0000-083-00/998
90	94,00	0,40	94	0,30	0,20	0,41600	6-0000-090-00/998
100	104,00	0,40	104	0,20	0,10	0,46100	6-0000-100-00/998
102	106,00	0,40	106	0,20	0,10	0,47100	6-0000-102-00/998
110	114,00	0,40	114	0,20	0,10	0,50700	6-0000-110-00/998
120	124,00	0,40	124	0,20	0,10	0,55300	6-0000-120-00/998
125	130,00	0,40	130	0,20	0,10	0,73800	6-0000-125-00/998
127	132,00	0,40	132	0,20	0,10	0,74900	6-0000-127-00/998

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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	135,00	0,40	135	0,20	0,10	0,76800	6-0000-130-00/998
140	145,00	0,40	145	0,20	0,10	0,82600	6-0000-140-00/998
150	155,00	0,40	155	0,10	0,06	0,88400	6-0000-150-00/998
152	157,00	0,40	157	0,10	0,06	0,89700	6-0000-152-00/998
160	165,00	0,40	165	0,10	0,06	0,94500	6-0000-160-00/998
175	180,00	0,40	180	0,10	0,06	1,03000	6-0000-175-00/998
180	185,00	0,40	185	0,10	0,06	1,05900	6-0000-180-00/998
200	206,00	0,40	206	0,10	0,06	1,17000	6-0000-200-00/998
203	209,00	0,40	209	0,10	0,06	1,19800	6-0000-203-00/998
225	231,00	0,40	231	0,10	0,06	1,32100	6-0000-225-00/998
250	256,00	0,40	256	0,05	0,02	1,92900	6-0000-250-00/998
280	286,00	0,40	286	0,05	0,02	2,15900	6-0000-280-00/998
300	306,00	0,40	306	0,05	0,02	2,31200	6-0000-300-00/998
350	356,00	0,40	356	0,05	0,02	2,69400	6-0000-350-00/998

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