VACUFLEX® K1Z-L 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 / coated / PVC

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	4-8000-032-00/999
35	39,00	0,40	39	0,60	0,35	0,15000	4-8000-035-00/999
38	42,00	0,40	42	0,60	0,35	0,16300	4-8000-038-00/999
40	44,00	0,40	44	0,60	0,35	0,17100	4-8000-040-00/999
42	46,00	0,40	46	0,60	0,35	0,17900	4-8000-042-00/999
45	49,00	0,40	49	0,60	0,35	0,19100	4-8000-045-00/999
50	54,00	0,40	54	0,60	0,35	0,21200	4-8000-050-00/999
51	55,00	0,40	55	0,40	0,25	0,21600	4-8000-051-00/999
55	59,00	0,40	59	0,40	0,25	0,23300	4-8000-055-00/999
60	64,00	0,40	64	0,40	0,25	0,25300	4-8000-060-00/999
65	69,00	0,40	69	0,40	0,25	0,27400	4-8000-065-00/999
70	74,00	0,40	74	0,40	0,25	0,28400	4-8000-070-00/999
76	80,00	0,40	80	0,30	0,20	0,35200	4-8000-076-00/999
80	84,00	0,40	84	0,30	0,20	0,37000	4-8000-080-00/999
83	87,00	0,40	87	0,30	0,20	0,38400	4-8000-083-00/999
90	94,00	0,40	94	0,30	0,20	0,44500	4-8000-090-00/999
100	104,00	0,40	104	0,20	0,10	0,46100	4-8000-100-00/999
102	106,00	0,40	106	0,20	0,10	0,47000	4-8000-102-00/999
110	114,00	0,40	114	0,20	0,10	0,52900	4-8000-110-00/999
120	124,00	0,40	124	0,20	0,10	0,55200	4-8000-120-00/999
125	130,00	0,40	130	0,20	0,10	0,73900	4-8000-125-00/999
127	132,00	0,40	132	0,20	0,10	0,75000	4-8000-127-00/999

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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	4-8000-130-00/999
140	145,00	0,40	145	0,20	0,10	0,82600	4-8000-140-00/999
150	155,00	0,40	155	0,10	0,06	0,88400	4-8000-150-00/999
152	157,00	0,40	157	0,10	0,06	0,89600	4-8000-152-00/999
160	165,00	0,40	165	0,10	0,06	0,94200	4-8000-160-00/999
175	180,00	0,40	180	0,10	0,06	1,03000	4-8000-175-00/999
180	185,00	0,40	185	0,10	0,06	1,05900	4-8000-180-00/999
200	206,00	0,40	206	0,10	0,06	1,17000	4-8000-200-00/999
203	209,00	0,40	209	0,10	0,06	1,19300	4-8000-203-00/999
225	231,00	0,40	231	0,10	0,06	1,32100	4-8000-225-00/999
250	256,00	0,40	256	0,05	0,02	1,92900	4-8000-250-00/999
280	286,00	0,40	286	0,05	0,02	2,15900	4-8000-280-00/999
300	306,00	0,40	306	0,05	0,02	2,31200	4-8000-300-00/999
350	356,00	0,40	356	0,05	0,02	2,69400	4-8000-350-00/999

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