VACUFLEX® K1Z-M PU MHR

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 / coated / PVC

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	0,21400	4-8100-032-00/999
35	40,00	0,60	40	1,50	0,38	0,22400	4-8100-035-00/999
38	43,00	0,60	43	1,50	0,38	0,24200	4-8100-038-00/999
40	45,00	0,60	45	1,50	0,38	0,26600	4-8100-040-00/999
42	47,00	0,60	47	1,50	0,38	0,26600	4-8100-042-00/999
45	50,00	0,60	50	1,50	0,38	0,28500	4-8100-045-00/999
50	55,00	0,60	55	1,50	0,38	0,31500	4-8100-050-00/999
51	56,00	0,60	56	1,30	0,30	0,32100	4-8100-051-00/999
55	60,00	0,60	60	1,30	0,30	0,34600	4-8100-055-00/999
60	65,00	0,60	65	1,30	0,30	0,37600	4-8100-060-00/999
65	70,00	0,60	70	1,30	0,30	0,40700	4-8100-065-00/999
70	75,00	0,60	75	1,30	0,30	0,42200	4-8100-070-00/999
76	81,00	0,60	81	0,80	0,25	0,45700	4-8100-076-00/999
80	85,00	0,60	85	0,80	0,25	0,48100	4-8100-080-00/999
83	88,00	0,60	88	0,80	0,25	0,51100	4-8100-083-00/999
90	95,00	0,60	95	0,80	0,25	0,54900	4-8100-090-00/999
100	106,00	0,60	106	0,60	0,20	0,73100	4-8100-100-00/999
102	108,00	0,60	108	0,60	0,20	0,65000	4-8100-102-00/999
110	116,00	0,60	116	0,60	0,20	0,80200	4-8100-110-00/999
120	126,00	0,60	126	0,60	0,20	0,87000	4-8100-120-00/999
125	131,00	0,60	131	0,60	0,20	0,91000	4-8100-125-00/999
127	133,00	0,60	133	0,60	0,20	0,92400	4-8100-127-00/999

Ocono VACUFLEX GmbH | Hessenring 8-12 | 64546 Mörfelden-Walldorf | Germany | T +49 6105 93390 | vacuflex@ocono.com

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	4-8100-130-00/999
140	146,00	0,60	146	0,60	0,20	1,01800	4-8100-140-00/999
150	156,00	0,60	156	0,30	0,15	1,09000	4-8100-150-00/999
152	158,00	0,60	158	0,30	0,15	1,10400	4-8100-152-00/999
160	166,00	0,60	166	0,30	0,15	1,16100	4-8100-160-00/999
175	181,00	0,60	181	0,30	0,15	1,26900	4-8100-175-00/999
180	186,00	0,60	186	0,30	0,15	1,10000	4-8100-180-00/999
200	206,00	0,60	206	0,30	0,15	1,42000	4-8100-200-00/999
203	209,00	0,60	209	0,30	0,15	1,47000	4-8100-203-00/999
225	231,00	0,60	231	0,30	0,15	2,04500	4-8100-225-00/999
250	256,00	0,60	256	0,20	0,08	2,27000	4-8100-250-00/999
280	286,00	0,60	286	0,20	0,08	2,54100	4-8100-280-00/999
300	306,00	0,60	306	0,20	0,08	2,72100	4-8100-300-00/999
350	356,00	0,60	356	0,20	0,08	3,17100	4-8100-350-00/999

Ocono VACUFLEX GmbH | Hessenring 8-12 | 64546 Mörfelden-Walldorf | Germany | T +49 6105 93390 | vacuflex@ocono.com

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