VACUFLEX® K1Z-S 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 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	39,00	1,00	39	2,60	0,60	0,34800	4-8400-032-00/999
35	42,00	1,00	42	2,60	0,60	0,37900	4-8400-035-00/999
38	45,00	1,00	45	2,60	0,60	0,40900	4-8400-038-00/999
40	47,00	1,00	47	2,60	0,60	0,43000	4-8400-040-00/999
42	49,00	1,00	49	2,60	0,60	0,45000	4-8400-042-00/999
45	52,00	1,00	52	2,60	0,60	0,48100	4-8400-045-00/999
50	57,00	1,00	57	2,60	0,60	0,53200	4-8400-050-00/999
51	58,00	1,00	58	2,20	0,50	0,54200	4-8400-051-00/999
55	62,00	1,00	62	2,20	0,50	0,58300	4-8400-055-00/999
60	67,00	1,00	67	2,20	0,50	0,63400	4-8400-060-00/999
65	72,00	1,00	72	2,20	0,50	0,68600	4-8400-065-00/999
70	77,00	1,00	77	2,20	0,50	0,71000	4-8400-070-00/999
76	83,00	1,00	83	1,70	0,40	0,76900	4-8400-076-00/999
80	87,00	1,00	87	1,70	0,40	0,80900	4-8400-080-00/999
83	90,00	1,00	90	1,70	0,40	0,83800	4-8400-083-00/999
90	97,00	1,00	97	1,70	0,40	0,90700	4-8400-090-00/999
100	108,00	1,00	108	1,20	0,32	1,19700	4-8400-100-00/999
102	110,00	1,00	110	1,20	0,32	1,22000	4-8400-102-00/999
110	118,00	1,00	118	1,20	0,32	1,31500	4-8400-110-00/999
120	128,00	1,00	128	1,20	0,32	1,43100	4-8400-120-00/999
125	133,00	1,00	133	1,20	0,32	1,48900	4-8400-125-00/999
127	135,00	1,00	135	1,20	0,32	1,51300	4-8400-127-00/999

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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	138,00	1,00	138	1,20	0,32	1,54800	4-8400-130-00/999
140	148,00	1,00	148	1,20	0,32	1,66500	4-8400-140-00/999
150	158,00	1,00	158	0,80	0,28	1,78200	4-8400-150-00/999
152	160,00	1,00	160	0,80	0,28	1,80500	4-8400-152-00/999
160	168,00	1,00	168	0,80	0,28	1,89900	4-8400-160-00/999
175	183,00	1,00	183	0,80	0,28	2,07500	4-8400-175-00/999
180	188,00	1,00	188	0,80	0,28	2,13300	4-8400-180-00/999
200	208,00	1,00	208	0,80	0,28	2,40000	4-8400-200-00/999
203	211,00	1,00	211	0,80	0,28	2,42600	4-8400-203-00/999
225	233,00	1,00	233	0,80	0,28	2,66000	4-8400-225-00/999
250	258,00	1,00	258	0,60	0,20	2,95300	4-8400-250-00/999
280	288,00	1,00	288	0,60	0,20	3,30400	4-8400-280-00/999
300	308,00	1,00	308	0,60	0,20	3,53900	4-8400-300-00/999
350	358,00	1,00	358	0,60	0,20	4,12500	4-8400-350-00/999

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