VACUFLEX® K1Z-XSC 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 heavy-duty, 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	41,00	1,50	41	3,20	0,75	0,46200	6-5000-032-10/998
35	44,00	1,50	44	3,20	0,75	0,50200	6-5000-035-10/998
38	47,00	1,50	47	3,20	0,75	0,54300	6-5000-038-10/998
40	49,00	1,50	49	3,20	0,75	0,57000	6-5000-040-10/998
42	52,00	1,50	52	3,20	0,75	0,59700	6-5000-042-10/998
45	54,00	1,50	54	3,20	0,75	0,65701	6-5000-045-10/998
50	59,00	1,50	59	3,20	0,75	0,70600	6-5000-050-10/998
51	60,00	1,50	60	2,70	0,65	0,73700	6-5000-051-10/998
55	64,00	1,50	64	2,70	0,65	0,77400	6-5000-055-10/998
60	69,00	1,50	69	2,70	0,65	0,84100	6-5000-060-10/998
65	74,00	1,50	74	2,70	0,65	0,91000	6-5000-065-10/998
70	79,00	1,50	79	2,70	0,65	0,95300	6-5000-070-10/998
76	85,00	1,50	85	2,20	0,55	1,03300	6-5000-076-10/998
80	89,00	1,50	89	2,20	0,55	1,08500	6-5000-080-10/998
83	92,00	1,50	92	2,20	0,55	1,12500	6-5000-083-10/998
90	99,00	1,50	99	2,20	0,55	1,21800	6-5000-090-10/998
100	110,00	1,50	110	1,70	0,47	1,54200	6-5000-100-10/998
102	112,00	1,50	112	1,70	0,47	1,57200	6-5000-102-10/998
110	120,00	1,50	120	1,70	0,47	1,73400	6-5000-110-10/998
120	130,00	1,50	130	1,70	0,47	1,84400	6-5000-120-10/998
125	135,00	1,50	135	1,70	0,47	1,91900	6-5000-125-10/998
127	137,00	1,50	137	1,70	0,47	1,95000	6-5000-127-10/998

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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	140,00	1,50	140	1,70	0,47	1,99500	6-5000-130-10/998
140	150,00	1,50	150	1,70	0,47	2,14600	6-5000-140-10/998
150	160,00	1,50	160	1,20	0,38	2,29700	6-5000-150-10/998
152	162,00	1,50	162	1,20	0,38	2,26800	6-5000-152-10/998
160	170,00	1,50	170	1,20	0,38	2,44800	6-5000-160-10/998
175	185,00	1,50	185	1,20	0,38	2,67400	6-5000-175-10/998
180	190,00	1,50	190	1,20	0,38	2,68400	6-5000-180-10/998
200	210,00	1,50	210	1,20	0,38	3,04000	6-5000-200-10/998
203	213,00	1,50	213	1,20	0,38	3,09700	6-5000-203-10/998
225	235,00	1,50	235	1,20	0,38	3,42900	6-5000-225-10/998
250	260,00	1,50	260	0,90	0,30	3,80600	6-5000-250-10/998
280	290,00	1,50	290	0,90	0,30	4,25900	6-5000-280-10/998
300	310,00	1,50	310	0,90	0,30	4,56100	6-5000-300-10/998
350	360,00	1,50	360	0,90	0,30	5,31600	6-5000-350-10/998

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