VACUFLEX® K1Z-MSE PU E INDUSTRIAL

Flexible spiral hose with a smooth inner surface, made of polyether polyurethane



Applications extraction systems, dust extraction, wood dust extraction, air extraction, paint mist extraction

Structure Polyester-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 medium weight, good flexibility, corrugated outside, good tensile strength ultimate elongation, good ozone- & UV-resistance





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	38,00	0,80	38	2,30	0,55	0,25000	4-8900-032-10/999
35	41,00	0,80	41	2,30	0,55	0,27300	4-8900-035-10/999
38	44,00	0,80	44	2,30	0,55	0,29500	4-8900-038-10/999
40	46,00	0,80	46	2,30	0,55	0,31000	4-8900-040-10/999
42	48,00	0,80	48	2,30	0,55	0,32500	4-8900-042-10/999
45	51,00	0,80	51	2,30	0,55	0,34700	4-8900-045-10/999
50	56,00	0,80	56	2,30	0,55	0,38400	4-8900-050-10/999
51	57,00	0,80	57	2,00	0,42	0,39200	4-8900-051-10/999
55	61,00	0,80	61	2,00	0,42	0,42100	4-8900-055-10/999
60	66,00	0,80	66	2,00	0,42	0,45900	4-8900-060-10/999
65	71,00	0,80	71	2,00	0,42	0,49600	4-8900-065-10/999
70	76,00	0,80	76	2,00	0,42	0,51800	4-8900-070-10/999
76	82,00	0,80	82	1,50	0,35	0,56200	4-8900-076-10/999
80	86,00	0,80	86	1,50	0,35	0,59100	4-8900-080-10/999
83	89,00	0,80	89	1,50	0,35	0,61300	4-8900-083-10/999
90	96,00	0,80	96	1,50	0,35	0,66300	4-8900-090-10/999
100	107,00	0,80	107	1,00	0,30	0,86800	4-8900-100-10/999
102	109,00	0,80	109	1,00	0,30	0,88500	4-8900-102-10/999
110	117,00	0,80	117	1,00	0,30	0,95400	4-8900-110-10/999
120	127,00	0,80	127	1,00	0,30	1,03900	4-8900-120-10/999
125	132,00	0,80	132	1,00	0,30	1,08200	4-8900-125-10/999
127	134,00	0,80	134	1,00	0,30	1,09900	4-8900-127-10/999

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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	137,00	0,80	137	1,00	0,30	1,12400	4-8900-130-10/999
140	147,00	0,80	147	1,00	0,30	1,21000	4-8900-140-10/999
150	157,00	0,80	157	0,70	0,25	1,29500	4-8900-150-10/999
152	159,00	0,80	159	0,70	0,25	1,31200	4-8900-152-10/999
160	167,00	0,80	167	0,70	0,25	1,38000	4-8900-160-10/999
175	182,00	0,80	182	0,70	0,25	1,50800	4-8900-175-10/999
180	187,00	0,80	187	0,70	0,25	1,55100	4-8900-180-10/999
200	207,00	0,80	207	0,70	0,25	1,74700	4-8900-200-10/999
203	210,00	0,80	210	0,70	0,25	2,14600	4-8900-203-10/999
225	232,00	0,80	232	0,70	0,25	2,35300	4-8900-225-10/999
250	257,00	0,80	257	0,50	0,15	2,61200	4-8900-250-10/999
280	287,00	0,80	287	0,50	0,15	2,92300	4-8900-280-10/999
300	307,00	0,80	307	0,50	0,15	3,13000	4-8900-300-10/999
350	357,00	0,80	357	0,50	0,15	3,64800	4-8900-350-10/999

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