K1Z-MSC PU MHR ECO



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 medium weight, good flexibility, corrugated outside, good tensile strength ultimate elongation, hydrolysis & microbe resistant, good ozone- & UV-resistance, weather proof, rot proof

Technical data

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)
32	38,00	0,80	38	2,30	0,55	0,25000
35	41,00	0,80	41	2,30	0,55	0,27300
38	44,00	0,80	44	2,30	0,55	0,29500
40	46,00	0,80	46	2,30	0,55	0,31000
42	48,00	0,80	48	2,30	0,55	0,32500
45	51,00	0,80	51	2,30	0,55	0,34700
50	56,00	0,80	56	2,30	0,55	0,38400
51	57,00	0,80	57	2,00	0,42	0,39200
55	61,00	0,80	61	2,00	0,42	0,42100
60	66,00	0,80	66	2,00	0,42	0,45900
65	71,00	0,80	71	2,00	0,42	0,49600
70	76,00	0,80	76	2,00	0,42	0,51800
76	82,00	0,80	82	1,50	0,35	0,56200
80	86,00	0,80	86	1,50	0,35	0,59100
83	89,00	0,80	89	1,50	0,35	0,61300
90	96,00	0,80	96	1,50	0,35	0,66300
100	107,00	0,80	107	1,00	0,30	0,86800
102	109,00	0,80	109	1,00	0,30	0,88500
110	117,00	0,80	117	1,00	0,30	0,95400
120	127,00	0,80	127	1,00	0,30	1,03900
125	132,00	0,80	132	1,00	0,30	1,08200
127	134,00	0,80	134	1,00	0,30	1,09900

Original technical data by OCONO - VACUFLEX

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Technical data - continued

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)
130	137,00	0,80	137	1,00	0,30	1,12400
140	147,00	0,80	147	1,00	0,30	1,21000
150	157,00	0,80	157	0,70	0,25	1,29500
152	159,00	0,80	159	0,70	0,25	1,31200
160	167,00	0,80	167	0,70	0,25	1,38000
175	182,00	0,80	182	0,70	0,25	1,50800
180	187,00	0,80	187	0,70	0,25	1,55100
200	207,00	0,80	207	0,70	0,25	1,74700
203	210,00	0,80	210	0,70	0,25	2,14600
225	232,00	0,80	232	0,70	0,25	2,35300
250	257,00	0,80	257	0,50	0,15	2,61200
280	287,00	0,80	287	0,50	0,15	2,92300
300	307,00	0,80	307	0,50	0,15	3,13000
350	357,00	0,80	357	0,50	0,15	3,64800

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