K1Z-SSC PU MHR ECO

THERMOPLASTIC INDUSTRIAL HOSES

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



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	40,00	1,20	40	3,00	0,70	0,39600
35	43,00	1,20	43	3,00	0,70	0,43000
38	46,00	1,20	46	3,00	0,70	0,46500
40	48,00	1,20	48	3,00	0,70	0,48800
42	50,00	1,20	50	3,00	0,70	0,51100
45	53,00	1,20	53	3,00	0,70	0,54500
50	58,00	1,20	58	3,00	0,70	0,60300
51	59,00	1,20	59	2,50	0,60	0,61400
55	63,00	1,20	63	2,50	0,60	0,66000
60	68,00	1,20	68	2,50	0,60	0,71800
65	73,00	1,20	73	2,50	0,60	0,77500
70	78,00	1,20	78	2,50	0,60	0,80700
76	84,00	1,20	84	2,00	0,50	0,87400
80	88,00	1,20	88	2,00	0,50	0,91900
83	91,00	1,20	91	2,00	0,50	0,95300
90	98,00	1,20	98	2,00	0,50	1,03100
100	109,00	1,20	109	1,50	0,42	1,33500
102	111,00	1,20	111	1,50	0,42	1,36100
110	119,00	1,20	119	1,50	0,42	1,46500
120	129,00	1,20	129	1,50	0,42	1,59600
125	134,00	1,20	134	1,50	0,42	1,66100
127	136,00	1,20	136	1,50	0,42	1,68700

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	139,00	1,20	139	1,50	0,42	1,72700
140	149,00	1,20	149	1,50	0,42	1,85700
150	159,00	1,20	159	1,00	0,33	1,98800
152	161,00	1,20	161	1,00	0,33	2,01400
160	169,00	1,20	169	1,00	0,33	2,11800
175	184,00	1,20	184	1,00	0,33	2,31400
180	189,00	1,20	189	1,00	0,33	2,38000
200	209,00	1,20	209	1,00	0,33	2,61000
203	212,00	1,20	212	1,00	0,33	2,68000
225	234,00	1,20	234	1,00	0,33	2,96800
250	259,00	1,20	259	0,70	0,25	3,29400
280	289,00	1,20	289	0,70	0,25	3,68600
300	309,00	1,20	309	0,70	0,25	3,94800
350	359,00	1,20	359	0,70	0,25	4,60100

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