K1Z-SC 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	39,00	1,00	39	2,60	0,60	0,34800
35	42,00	1,00	42	2,60	0,60	0,37900
38	45,00	1,00	45	2,60	0,60	0,40900
40	47,00	1,00	47	2,60	0,60	0,43000
42	49,00	1,00	49	2,60	0,60	0,45000
45	52,00	1,00	52	2,60	0,60	0,48100
50	57,00	1,00	57	2,60	0,60	0,53200
51	58,00	1,00	58	2,20	0,50	0,54200
55	62,00	1,00	62	2,20	0,50	0,58300
60	67,00	1,00	67	2,20	0,50	0,63400
65	72,00	1,00	72	2,20	0,50	0,68600
70	77,00	1,00	77	2,20	0,50	0,71000
76	83,00	1,00	83	1,70	0,40	0,76900
80	87,00	1,00	87	1,70	0,40	0,80900
83	90,00	1,00	90	1,70	0,40	0,83800
90	97,00	1,00	97	1,70	0,40	0,90700
100	108,00	1,00	108	1,20	0,32	1,19700
102	110,00	1,00	110	1,20	0,32	1,22000
110	118,00	1,00	118	1,20	0,32	1,31400
120	128,00	1,00	128	1,20	0,32	1,43100
125	133,00	1,00	133	1,20	0,32	1,48900
127	135,00	1,00	135	1,20	0,32	1,51300

Original technical data by OCONO - VACUFLEX

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Via C. Negri 10-12 - 23030 Chiuro (SO) - Italy | +39 0342 209200 | info@borserini.it | www.borserini.com
Registered Office: Via Parolo 38 - 23100 Sondrio (SO) - Italy

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

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