K1Z-XSSC 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	42,00	1,70	42	3,50	0,80	0,50700
35	45,00	1,70	45	3,50	0,80	0,55200
38	48,00	1,70	48	3,50	0,80	0,59600
40	50,00	1,70	50	3,50	0,80	0,62600
42	53,00	1,70	53	3,50	0,80	0,65600
45	55,00	1,70	55	3,50	0,80	0,70100
50	60,00	1,70	60	3,50	0,80	0,77500
51	61,00	1,70	61	2,90	0,70	0,79000
55	65,00	1,70	65	2,90	0,70	0,85000
60	70,00	1,70	70	2,90	0,70	0,92400
65	75,00	1,70	75	2,90	0,70	0,99900
70	80,00	1,70	80	2,90	0,70	1,05000
76	86,00	1,70	86	2,30	0,60	1,13800
80	93,00	1,70	93	2,30	0,60	1,19600
83	93,00	1,70	93	2,30	0,60	1,24000
90	100,00	1,70	100	2,30	0,60	1,34200
100	111,00	1,70	111	1,90	0,52	1,68100
102	113,00	1,70	113	1,90	0,52	1,71300
110	121,00	1,70	121	1,90	0,52	1,84500
120	131,00	1,70	131	1,90	0,52	2,00900
125	136,00	1,70	136	1,90	0,52	2,09200
127	138,00	1,70	138	1,90	0,52	2,12400

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
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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	141,00	1,70	141	1,90	0,52	2,17400
140	151,00	1,70	151	1,90	0,52	2,33800
150	161,00	1,70	161	1,40	0,43	2,50300
152	163,00	1,70	163	1,40	0,43	2,53600
160	171,00	1,70	171	1,40	0,43	2,66700
175	186,00	1,70	186	1,40	0,43	2,91400
180	191,00	1,70	191	1,40	0,43	2,99600
200	211,00	1,70	211	1,40	0,43	3,37400
203	214,00	1,70	214	1,40	0,43	3,40700
225	236,00	1,70	236	1,40	0,43	3,73600
250	261,00	1,70	261	0,90	0,32	4,14800
280	291,00	1,70	291	0,90	0,32	4,64100
300	311,00	1,70	311	0,90	0,32	4,97000
350	361,00	1,70	361	0,90	0,32	5,79300

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