K2 PU MHR UL

Double-walled, robust polyether-polyurethane hose with UL approval



Applications	cable protection, automation technology & robotics, medical devices
Structure	Polyether-Polyurethane, grey / pebble grey (similar RAL 7032), opaque, steel wire / spring steel wire / coated / PU
Temperature	-40°C up to 90°C
Properties	good flexibility, good tensile strength, ultimate elongation, crush-resistant, hydrolysis & microbe resistant, rot proof, weather proof, flame-retardant
Norms	flame-retardant according to UL 94 fire protection standard / V2





made in Germany

Inner Diameter (mm)	Outer Diameter (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
16	24,00	26	0,80	0,50	0,11000	4-3807-016-00/999
20	28,00	32	0,80	0,50	0,13500	4-3807-020-00/999
22	30,00	35	0,80	0,50	0,15000	4-3807-022-00/999
24	32,00	38	0,80	0,50	0,16700	4-3807-024-00/999
25	33,00	39	0,60	0,40	0,33700	4-3807-025-00/999
26	34,00	40	0,60	0,40	0,18500	4-3807-026-00/999
28	36,00	43	0,60	0,40	0,20000	4-3807-028-00/999
30	38,00	46	0,60	0,40	0,21000	4-3807-030-00/999
32	40,00	50	0,60	0,40	0,23000	4-3807-032-00/999
35	43,00	54	0,60	0,40	0,25000	4-3807-035-00/999
38	46,00	59	0,60	0,40	0,27000	4-3807-038-00/999
40	48,00	61	0,60	0,40	0,28000	4-3807-040-00/999
42	50,00	63	0,60	0,40	0,29000	4-3807-042-00/999
45	53,00	68	0,60	0,40	0,75400	4-3807-045-00/999
48	56,00	73	0,60	0,40	0,34000	4-3807-048-00/999
50	58,00	75	0,40	0,30	0,35000	4-3807-050-00/999
52	61,00	78	0,40	0,30	0,36000	4-3807-052-00/999
55	64,00	83	0,40	0,30	0,39000	4-3807-055-00/999
60	69,00	90	0,40	0,30	0,43000	4-3807-060-00/999
65	74,00	98	0,40	0,30	1,31300	4-3807-065-00/999
70	79,00	105	0,40	0,30	0,50000	4-3807-070-00/999
75	84,00	120	0,40	0,30	0,53000	4-3807-075-00/999

Ocono VACUFLEX GmbH | Hessenring 8-12 | 64546 Mörfelden-Walldorf | Germany | T +49 6105 93390 | vacuflex@ocono.com

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)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
80	89,00	130	0,30	0,15	0,57000	4-3807-080-00/999
90	99,00	140	0,30	0,15	1,28900	4-3807-090-00/999
100	109,00	160	0,30	0,15	0,75000	4-3807-100-00/999

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