SMOOTHFLEXX PU MHR

A lightweight, highly flexible polyether-polyurethane hose, reinforced with an impact-resistant rigid PVC spiral

Applications extraction systems, industrial vacuum cleaners, leaf extraction, powder conveying & -coating, blowing in insulation material

Structure Polyether-Polyurethane, uncolored, transparent, plastic spiral / rigid PVC

Temperature -40°C up to 80°C

Properties hydrolysis & microbe resistant, weather proof, rot proof, good flexibility, stretchy, compressible, very smooth inside, corrugated outside, good tensile strength, ultimate elongation







made in Germany

Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
20	0,50	23	1,50	0,25	0,14000	9-1000-020-10/998
25	0,50	29	1,50	0,25	0,17000	9-1000-025-10/998
30	0,50	35	1,50	0,25	0,19500	9-1000-030-10/998
32	0,50	37	1,50	0,20	0,21000	9-1000-032-10/998
35	0,50	40	1,50	0,20	0,22000	9-1000-035-10/998
38	0,50	44	1,50	0,20	0,25000	9-1000-038-10/998
40	0,50	46	1,50	0,20	0,26000	9-1000-040-10/998
45	0,50	52	1,50	0,20	0,29300	9-1000-045-10/998
51	0,50	59	1,00	0,20	0,34500	9-1000-051-10/998
60	0,50	69	1,00	0,16	0,41000	9-1000-060-10/998
63	0,50	72	1,00	0,16	0,43000	9-1000-063-10/998
70	0,60	81	1,00	0,16	0,51400	9-1000-070-10/998
76	0,60	87	1,00	0,16	0,55000	9-1000-076-10/998
80	0,60	92	1,00	0,16	0,57500	9-1000-080-10/998
89	0,60	104	1,00	0,14	0,63600	9-1000-089-10/998
102	0,60	115	0,80	0,13	0,72100	9-1000-102-10/998
110	0,65	127	0,80	0,12	0,77800	9-1000-110-10/998
120	0,65	138	0,80	0,10	0,98500	9-1000-120-10/998
127	0,65	146	0,80	0,10	0,96000	9-1000-127-10/998
140	0,65	161	0,60	0,09	1,20500	9-1000-140-10/998
152	0,65	175	0,60	0,08	1,26300	9-1000-152-10/998
203	0,75	230	0,40	0,04	2,15000	9-1000-203-10/998

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)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
254	0,75	288	0,30	0,04	2,63000	9-1000-254-10/998

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