SMOOTHFLEXX PRO PU MHR

Lightweight, highly flexible polyether-polyurethane hose, reinforced with an impact-resistant PVC spiral



Applications extraction systems, dosing, sawing & milling, air supply, wood dust extraction

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

Temperature -40°C up to 80°C

Properties hydrolysis & microbe resistant, rot proof, weather proof, good flexibility, , good abrasion resistance, corrugated outside, smooth inside





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	0,16800	9-1800-020-00/998
25	0,50	29	1,50	0,25	0,20000	9-1800-025-00/998
28	0,50	33	1,50	0,25		9-1800-028-00/998
30	0,50	35	1,50	0,25	0,22800	9-1800-030-00/998
32	0,50	37	1,50	0,20	0,24600	9-1800-032-00/998
35	0,50	40	1,50	0,20	0,26200	9-1800-035-00/998
38	0,50	44	1,50	0,20	0,29100	9-1800-038-00/998
40	0,50	46	1,50	0,20	0,29800	9-1800-040-00/998
43	0,50	49	1,50	0,20		9-1800-043-00/998
45	0,50	52	1,50	0,20	0,33500	9-1800-045-00/998
51	0,50	59	1,00	0,20	0,39700	9-1800-051-00/998
60	0,50	69	1,00	0,16	0,47100	9-1800-060-00/998
63	0,50	72	1,00	0,16	0,49400	9-1800-063-00/998
65	0,50	76	1,00	0,16		9-1800-065-00/998
70	0,60	81	1,00	0,16	0,57500	9-1800-070-00/998
73	0,60	84	1,00	0,16		9-1800-073-00/998
76	0,60	87	1,00	0,16	0,60400	9-1800-076-00/998
80	0,60	92	1,00	0,16	0,63200	9-1800-080-00/998
89	0,60	104	1,00	0,14	0,69200	9-1800-089-00/998
90	0,60	105	1,00	0,14		9-1800-090-00/998
102	0,60	117	0,80	0,13	0,79300	9-1800-102-00/998
110	0,65	127	0,80	0,12	0,84700	9-1800-110-00/998

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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
120	0,65	138	0,80	0,10	1,05400	9-1800-120-00/998
127	0,65	146	0,80	0,10	1,03400	9-1800-127-00/998
140	0,65	161	0,60	0,09	1,28000	9-1800-140-00/998
152	0,65	175	0,60	0,08	1,34200	9-1800-152-00/998
160	0,65	183	0,50	0,07		9-1800-160-00/998
203	0,75	230	0,40	0,04	2,23100	9-1800-203-00/998
250	0,75	277	0,35	0,04		9-1800-250-00/998
254	0,75	288	0,30	0,04	2,73000	9-1800-254-00/998

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