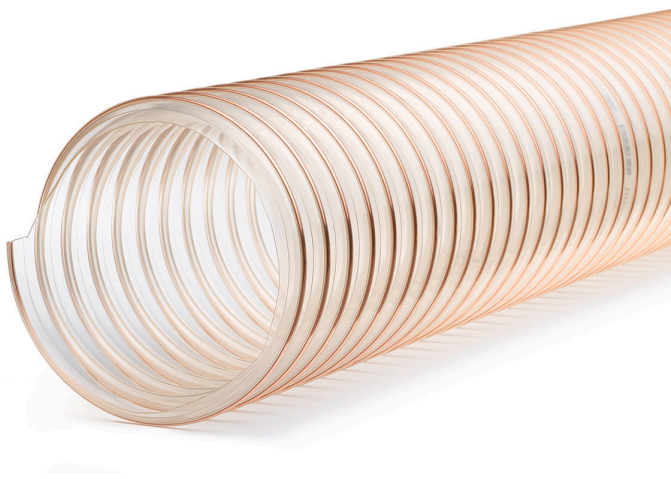
VACUFLEX® PU 600 FR MHR INDUSTRIAL

Lightweight and highly flexible flame-retardant spiral hose made of polyether polyurethane



Applications extraction systems, air extraction, wood dust extraction, dust extraction, industrial vacuum cleaners

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 very good flexibility, very good abrasion resistance, good tensile strength, ultimate elongation, free of halogen & softeners, phthalate-free, hydrolysis & microbe resistant, good ozone- & UV-resistance, rot proof, weather proof





made in Germany

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
32	36,00	0,60	32	0,70	0,35	0,16400	7-9100-032-00/998
35	39,00	0,60	35	0,70	0,35	0,17900	7-9100-035-00/998
38	42,00	0,60	38	0,70	0,35	0,19300	7-9100-038-00/998
40	45,00	0,60	40	0,70	0,35	0,22800	7-9100-040-00/998
42	47,00	0,60	42	0,70	0,35	0,23900	7-9100-042-00/998
45	50,00	0,60	45	0,70	0,35	0,25500	7-9100-045-00/998
48	53,00	0,60	48	0,70	0,35	0,27100	7-9100-048-00/998
50	55,00	0,60	50	0,70	0,35	0,28200	7-9100-050-00/998
51	56,00	0,60	51	0,60	0,25	0,28800	7-9100-051-00/998
55	60,00	0,60	55	0,60	0,25	0,31000	7-9100-055-00/998
60	65,00	0,60	60	0,60	0,25	0,35500	7-9100-060-00/998
65	70,00	0,60	65	0,60	0,25	0,38500	7-9100-065-00/998
70	75,00	0,60	70	0,60	0,25	0,43200	7-9100-070-00/998
75	80,00	0,60	75	0,60	0,25	0,46200	7-9100-075-00/998
76	81,00	0,60	76	0,60	0,25	0,46800	7-9100-076-00/998
80	85,00	0,60	80	0,40	0,15	0,49200	7-9100-080-00/998
83	88,00	0,60	83	0,40	0,15	0,51000	7-9100-083-00/998
90	95,00	0,60	90	0,40	0,15	0,55200	7-9100-090-00/998
100	106,00	0,60	100	0,40	0,15	0,56900	7-9100-100-00/998
102	108,00	0,60	102	0,30	0,10	0,58000	7-9100-102-00/998
110	116,00	0,60	110	0,30	0,10	0,62500	7-9100-110-00/998
120	126,00	0,60	120	0,30	0,10	0,68000	7-9100-120-00/998

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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)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
125	131,00	0,60	125	0,30	0,10	0,70800	7-9100-125-00/998
127	133,00	0,60	127	0,30	0,10	0,72000	7-9100-127-00/998
130	136,00	0,60	130	0,30	0,10	0,73600	7-9100-130-00/998
140	146,00	0,60	140	0,30	0,10	0,79200	7-9100-140-00/998
150	156,00	0,60	150	0,30	0,10	0,84800	7-9100-150-00/998
152	158,00	0,60	152	0,30	0,10	0,85900	7-9100-152-00/998
160	166,00	0,60	160	0,20	0,05	0,90300	7-9100-160-00/998
175	181,00	0,60	175	0,20	0,05	0,98700	7-9100-175-00/998
180	186,00	0,60	180	0,20	0,05	1,01500	7-9100-180-00/998
200	207,00	0,60	200	0,20	0,05	1,17000	7-9100-200-00/998
203	210,00	0,60	203	0,20	0,05	1,18700	7-9100-203-00/998
225	232,00	0,60	225	0,20	0,05	1,31500	7-9100-225-00/998
280	287,00	0,60	280	0,10	0,02	1,63200	7-9100-280-00/998
300	307,00	0,60	300	0,10	0,02	1,85500	7-9100-300-00/998
350	357,00	0,60	350	0,10	0,02	2,16200	7-9100-350-00/998

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