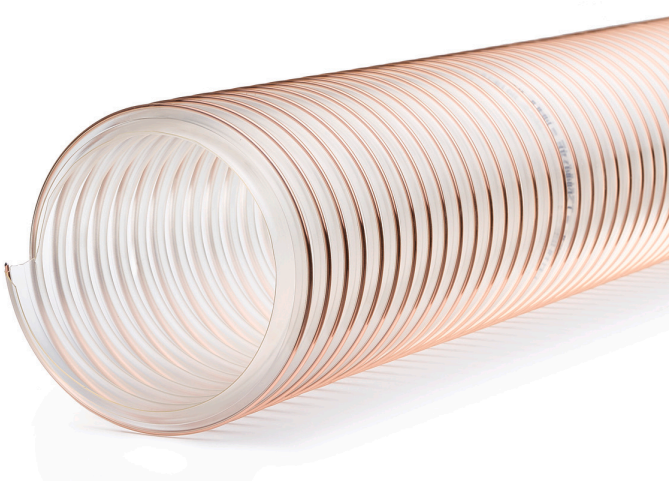
VACUFLEX® PU 400 FR MHR INDUSTRIAL

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



Applications wood dust extraction, dust extraction, ventilation, grass extraction, leaf extraction

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 good abrasion resistance, good tensile strength, ultimate elongation, free of halogen & softeners, phthalate-free, with copper wire for grounding, 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	0,40	36	0,60	0,25	0,14100	7-9000-032-00/998
35	39,00	0,40	39	0,60	0,25	0,13500	7-9000-035-00/998
38	42,00	0,40	42	0,60	0,25	0,14600	7-9000-038-00/998
40	44,00	0,40	44	0,60	0,25	0,17600	7-9000-040-00/998
42	46,00	0,40	46	0,60	0,25	0,18600	7-9000-042-00/998
45	49,00	0,40	49	0,60	0,25	0,19900	7-9000-045-00/998
48	52,00	0,40	52	0,60	0,25	0,21100	7-9000-048-00/998
50	54,00	0,40	54	0,60	0,25	0,22100	7-9000-050-00/998
51	55,00	0,40	51	0,50	0,20	0,22600	7-9000-051-00/998
55	59,00	0,40	55	0,50	0,20	0,24100	7-9000-055-00/998
60	64,00	0,40	60	0,50	0,20	0,26800	7-9000-060-00/998
65	69,00	0,40	65	0,40	0,15	0,28400	7-9000-065-00/998
70	74,00	0,40	70	0,40	0,15	0,33200	7-9000-070-00/998
75	79,00	0,40	75	0,40	0,15	0,35500	7-9000-075-00/998
76	80,00	0,40	76	0,40	0,15	0,36000	7-9000-076-00/998
80	84,00	0,40	80	0,30	0,10	0,34200	7-9000-080-00/998
83	87,00	0,40	83	0,30	0,10	0,39200	7-9000-083-00/998
90	94,00	0,40	90	0,30	0,10	0,42400	7-9000-090-00/998
100	105,00	0,40	100	0,30	0,10	0,44800	7-9000-100-00/998
102	107,00	0,40	102	0,25	0,08	0,45600	7-9000-102-00/998
110	115,00	0,40	110	0,25	0,08	0,49200	7-9000-110-00/998
120	125,00	0,40	120	0,25	0,08	0,53800	7-9000-120-00/998

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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	130,00	0,40	125	0,25	0,08	0,55700	7-9000-125-00/998
127	132,00	0,40	127	0,25	0,08	0,56900	7-9000-127-00/998
130	135,00	0,40	130	0,25	0,08	0,58200	7-9000-130-00/998
140	145,00	0,40	140	0,25	0,08	0,62800	7-9000-140-00/998
150	155,00	0,40	150	0,25	0,08	0,66600	7-9000-150-00/998
152	157,00	0,40	152	0,25	0,08	0,67500	7-9000-152-00/998
160	165,00	0,40	160	0,15	0,05	0,72000	7-9000-160-00/998
175	180,00	0,40	175	0,15	0,05	0,77600	7-9000-175-00/998
180	185,00	0,40	180	0,15	0,05	0,81000	7-9000-180-00/998
200	206,00	0,40	200	0,15	0,05	0,94800	7-9000-200-00/998
203	209,00	0,40	203	0,15	0,05	0,98500	7-9000-203-00/998
225	231,00	0,40	225	0,15	0,05	1,04800	7-9000-225-00/998
250	256,00	0,40	250	0,10	0,02	1,18300	7-9000-250-00/998
280	286,00	0,40	280	0,10	0,02	1,30100	7-9000-280-00/998
300	306,00	0,40	300	0,10	0,02	1,50000	7-9000-300-00/998
350	356,00	0,40	350	0,10	0,02	1,74800	7-9000-350-00/998

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