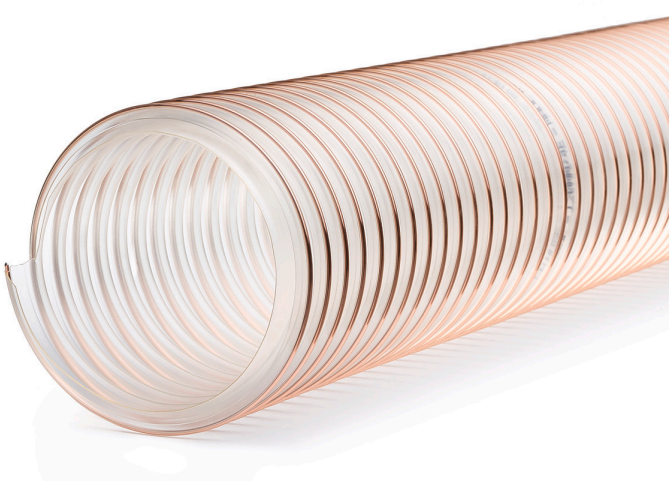
VACUFLEX® PU 400 MHR INDUSTRIAL

Light weight and highly flexible spiral hose made of Polyether-Polyurethane



Applications extraction systems, dust extraction, wood dust extraction, oil mist extraction, extractions arms

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, weather proof, rot 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	7-0000-032-16/998
35	39,00	0,40	39	0,60	0,25	0,13500	7-0000-035-16/998
38	42,00	0,40	42	0,60	0,25	0,14600	7-0000-038-16/998
40	44,00	0,40	44	0,60	0,25	0,17800	7-0000-040-16/998
42	46,00	0,40	46	0,60	0,25	0,18600	7-0000-042-16/998
45	49,00	0,40	49	0,60	0,25	0,19900	7-0000-045-16/998
48	52,00	0,40	52	0,60	0,25	0,21100	7-0000-048-16/998
50	54,00	0,40	54	0,60	0,25	0,22000	7-0000-050-16/998
51	55,00	0,40	51	0,50	0,20	0,22400	7-0000-051-16/998
55	59,00	0,40	55	0,50	0,20	0,24100	7-0000-055-16/998
60	64,00	0,40	60	0,50	0,20	0,26800	7-0000-060-16/998
63	67,00	0,40	63	0,50	0,20	0,27500	7-0000-063-16/998
65	69,00	0,40	65	0,40	0,15	0,28400	7-0000-065-16/998
70	74,00	0,40	70	0,40	0,15	0,33300	7-0000-070-16/998
75	79,00	0,40	75	0,40	0,15	0,35600	7-0000-075-16/998
76	80,00	0,40	76	0,40	0,15	0,36000	7-0000-076-16/998
80	84,00	0,40	80	0,30	0,10	0,37800	7-0000-080-16/998
82	86,00	0,40	82	0,30	0,10	0,38800	7-0000-082-16/998
83	87,00	0,40	83	0,30	0,10	0,39300	7-0000-083-16/998
90	94,00	0,40	90	0,30	0,10	0,42500	7-0000-090-16/998
100	105,00	0,40	100	0,30	0,10	0,44800	7-0000-100-16/998
102	107,00	0,40	102	0,25	0,08	0,47800	7-0000-102-16/998

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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
110	115,00	0,40	110	0,25	0,08	0,49100	7-0000-110-16/998
115	120,00	0,40	115	0,25	0,08	0,51200	7-0000-115-16/998
120	125,00	0,40	120	0,25	0,08	0,53400	7-0000-120-16/998
125	130,00	0,40	125	0,25	0,08	0,55600	7-0000-125-16/998
127	132,00	0,40	127	0,25	0,08	0,59300	7-0000-127-16/998
130	135,00	0,40	130	0,25	0,08	0,60700	7-0000-130-16/998
140	145,00	0,40	140	0,25	0,08	0,65300	7-0000-140-16/998
150	155,00	0,40	150	0,25	0,08	0,66600	7-0000-150-16/998
152	157,00	0,40	152	0,25	0,08	0,66600	7-0000-152-16/998
160	165,00	0,40	160	0,15	0,05	0,74500	7-0000-160-16/998
175	180,00	0,40	175	0,15	0,05	0,77600	7-0000-175-16/998
180	185,00	0,40	180	0,15	0,05	0,83800	7-0000-180-16/998
200	206,00	0,40	200	0,15	0,05	0,93200	7-0000-200-16/998
203	209,00	0,40	203	0,15	0,05	0,99300	7-0000-203-16/998
225	231,00	0,40	225	0,15	0,05	1,04800	7-0000-225-16/998
250	256,00	0,40	250	0,10	0,02	1,16200	7-0000-250-16/998
254	260,00	0,40	254	0,10	0,02	1,24000	7-0000-254-16/998
280	286,00	0,40	280	0,10	0,02	1,36600	7-0000-280-16/998
300	306,00	0,40	300	0,10	0,02	1,57700	7-0000-300-16/998
305	311,00	0,40	305	0,10	0,02	1,60300	7-0000-305-16/998
315	321,00	0,40	315	0,10	0,02	1,65600	7-0000-315-16/998
350	356,00	0,40	350	0,10	0,02	1,83500	7-0000-350-16/998

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