

PU 900 E ECO

Medium heavy and flexible PU-Ester hose

- large elongation at break
- tensile and abrasion resistance

MEDIUM



PROPERTIES



Structure:

Wall made of 100% abrasion resistant Ester Polyurethane (wall thickness between the spirals ca. 0,9mm), copper plated spring steel spiral embedded into wall

Characteristics:

Medium heavy and flexible hose with good tensile and abrasion strengths and ultimate elongation. Free of softeners, halogen free and cadmium free, ECO friendly

Acc. to TRGS 727 and ATEX 2014/34 EU, with earthing at both ends of the spiral for non-flammable dusts and bulks solids in Zone 22. Gases and liquids with low conductivity of electrostatic charges in Zone 2

Applications:

Universal hose for the woodworking, plastic and chemical industry for transportation of light solids and for air and gas transportation

Temperature range:

-40°C to +90°C (short term up to +125°C)

Colour:

Transparent

Compressed packaging available!

Further versions:

PU 900 E

PU 900 E ECO FR - flame retardant

[PU 900 C ECO](#) - microbes and hydrolysis resistant (PU-Ether hose)

For more information about Eco-friendly products and sustainability at VACUFLEX visit our sustainability page

[Sustainable Products – Made in Germany](#)

VACUFLEX® Hose Academy - FAQ Videos

[How to cut a netted and compressed polyurethane hose](#)

I.D. Ø mm	O.D. Ø mm	Wall thickness mm	r (mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure bar	Part no.
32	38	0,9	38	0,246	350	1,1	7-2500-032-00
35	41	0,9	41	0,267	350	1,1	7-2500-035-00
38	44	0,9	44	0,289	350	1,1	7-2500-038-00
40	47	0,9	47	0,360	350	1,1	7-2500-040-00
42	49	0,9	49	0,377	350	1,1	7-2500-042-00
45	52	0,9	52	0,402	350	1,1	7-2500-045-00
48	55	0,9	55	0,428	350	1,1	7-2500-048-00
50	57	0,9	57	0,445	350	1,1	7-2500-050-00
51	58	0,9	58	0,454	250	0,9	7-2500-051-00
55	62	0,9	62	0,488	250	0,9	7-2500-055-00
60	67	0,9	67	0,531	250	0,9	7-2500-060-00
65	72	0,9	72	0,573	200	0,7	7-2500-065-00
70	77	0,9	77	0,677	200	0,7	7-2500-070-00
75	82	0,9	82	0,724	200	0,7	7-2500-075-00
76	83	0,9	83	0,733	200	0,7	7-2500-076-00
80	87	0,9	87	0,771	150	0,6	7-2500-080-00
83	90	0,9	90	0,799	150	0,6	7-2500-083-00
90	97	0,9	97	0,865	150	0,6	7-2500-090-00
100	108	0,9	108	0,874	150	0,6	7-2500-100-00
102	110	0,9	110	0,891	100	0,5	7-2500-102-00
110	118	0,9	118	0,960	100	0,5	7-2500-110-00
120	128	0,9	128	1,045	100	0,5	7-2500-120-00
125	133	0,9	133	1,087	100	0,5	7-2500-125-00
127	135	0,9	135	1,105	100	0,5	7-2500-127-00
130	138	0,9	138	1,130	100	0,5	7-2500-130-00
140	148	0,9	148	1,215	100	0,5	7-2500-140-00
150	158	0,9	158	1,301	100	0,5	7-2500-150-00
152	160	0,9	160	1,318	100	0,5	7-2500-152-00
160	168	0,9	168	1,386	50	0,3	7-2500-160-00
175	183	0,9	183	1,514	50	0,3	7-2500-175-00
180	188	0,9	188	1,557	50	0,3	7-2500-180-00
200	209	0,9	209	1,600	50	0,3	7-2500-200-00

I.D. Ø mm	O.D. Ø mm	Wall thickness mm	r (mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure bar	Part no.
203	212	0,9	212	1,623	50	0,3	7-2500-203-00
225	234	0,9	234	1,797	50	0,3	7-2500-225-00
250	259	0,9	259	1,994	20	0,2	7-2500-250-00
280	289	0,9	289	2,231	20	0,2	7-2500-280-00
300	309	0,9	309	2,388	20	0,2	7-2500-300-00
350	359	0,9	359	2,783	20	0,2	7-2500-350-00

Further diameters upon request.

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