

PU 400 E ECO

Very light and extremely 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. 0,4mm), copper plated spring steel spiral embedded into wall

Characteristics:

Very light and extremely flexible hose with good tensile and abrasion strengths and ultimate elongation. Free of softeners, halogen and cadmium free.

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 400 E

PU 400 E ECO FR - flame retardant

[PU 400 C ECO](#) - microbes and hydrolysis resistant (PU-Ether hose)

PVC 400

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?](#)

[How do I measure a spiral hose correctly?](#)

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	36	0,4	36	0,124	300	0,60	7-0500-032-00/998
35	39	0,4	39	0,135	300	0,60	7-0500-035-00/998
38	42	0,4	42	0,146	300	0,60	7-0500-038-00/998
40	44	0,4	44	0,154	300	0,60	7-0500-040-00/998
42	46	0,4	46	0,161	300	0,60	7-0500-042-00/998
45	49	0,4	49	0,172	300	0,60	7-0500-045-00/998
48	52	0,4	52	0,183	300	0,60	7-0500-048-00/998
50	54	0,4	54	0,191	300	0,60	7-0500-050-00/998
51	55	0,4	51	0,194	200	0,40	7-0500-051-00/998
55	59	0,4	55	0,209	200	0,40	7-0500-055-00/998
60	64	0,4	60	0,227	200	0,40	7-0500-060-00/998
65	69	0,4	65	0,246	200	0,40	7-0500-065-00/998
70	74	0,4	70	0,291	200	0,40	7-0500-070-00/998
75	79	0,4	75	0,323	200	0,40	7-0500-075-00/998
76	80	0,4	76	0,325	200	0,40	7-0500-076-00/998
80	84	0,4	80	0,338	150	0,30	7-0500-080-00/998
83	87	0,4	83	0,344	150	0,30	7-0500-083-00/998
90	94	0,4	90	0,351	150	0,30	7-0500-090-00/998
100	105	0,4	100	0,364	150	0,30	7-0500-100-00/998
102	107	0,4	102	0,371	100	0,20	7-0500-102-00/998
110	115	0,4	110	0,400	100	0,20	7-0500-110-00/998
120	125	0,4	120	0,435	100	0,20	7-0500-120-00/998
125	130	0,4	125	0,557	100	0,20	7-0500-125-00/998
130	135	0,4	130	0,565	100	0,20	7-0500-130-00/998
140	145	0,4	140	0,579	100	0,20	7-0500-140-00/998
150	155	0,4	150	0,622	100	0,20	7-0500-150-00/998
152	157	0,4	152	0,666	100	0,20	7-0500-152-00/998
160	165	0,4	160	0,675	50	0,10	7-0500-160-00/998
175	180	0,4	175	0,710	50	0,10	7-0500-175-00/998
180	185	0,4	180	0,736	50	0,10	7-0500-180-00/998
200	206	0,4	200	0,742	50	0,10	7-0500-200-00/998
203	209	0,4	203	0,764	50	0,10	7-0500-203-00/998

I.D. Ø mm	O.D. Ø mm	Wall thickness mm	r (mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure bar	Part no.
225	231	0,4	225	0,858	50	0,10	7-0500-225-00/998
250	256	0,4	250	1,163	20	0,05	7-0500-250-00/998
280	286	0,4	280	1,301	20	0,05	7-0500-280-00/998
300	306	0,4	300	1,394	20	0,05	7-0500-300-00/998
350	356	0,4	300	1,625	20	0,05	7-0500-350-00/998

Further diameters upon request.

State: 23.03.2025