VACUFLEX®

made in Germany

PU 400 C ECO

Very light and extremely flexible PU-Ether-hose

- large elongation at break
- tensile and abrasion resistance

MEDIUM

PROPERTIES

Structure:
Wall made of abrasion resistant Polyurethane - as microbes and hydrolysis resistant version (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, 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 400 C
PU 400 C ECO FR - flame retardant
PU 400 E ECO - PU-Ester hose
PVC 400

VACUFLEX® Hose Academy - FAQ Videos
How to cut a netted and compressed poyurethane hose

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Depending on installation or operating conditions, the vacuum or pressure values may differ from those stated in the table. In doubtful cases, provide a description of the application you have in mind, and we will pleased to advice you. Alternative sizes and colours, different tolerances etc. can be supplied on request. Technical Data (at 20°C)
Stand: 05/2020

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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	250	0,6	7-0000-032-10
35	39	0,4	39	0,135	250	0,6	7-0000-035-10
38	42	0,4	42	0,146	250	0,6	7-0000-038-10
40	44	0,4	44	0,177	250	0,6	7-0000-040-10
42	46	0,4	46	0,186	250	0,6	7-0000-042-10
45	49	0,4	49	0,199	250	0,6	7-0000-045-10
48	52	0,4	52	0,211	250	0,6	7-0000-048-10
50	54	0,4	54	0,220	250	0,6	7-0000-050-10
51	55	0,4	51	0,224	200	0,5	7-0000-051-10
55	59	0,4	55	0,241	200	0,5	7-0000-055-10
60	64	0,4	60	0,262	200	0,5	7-0000-060-10
65	69	0,4	65	0,275	150	0,4	7-0000-065-10
70	74	0,4	70	0,332	150	0,4	7-0000-070-10
75	79	0,4	75	0,355	150	0,4	7-0000-075-10
76	80	0,4	76	0,360	150	0,4	7-0000-076-10
80	84	0,4	80	0,378	100	0,3	7-0000-080-10
83	87	0,4	83	0,392	100	0,3	7-0000-083-10
90	94	0,4	90	0,424	100	0,3	7-0000-090-10
100	105	0,4	100	0,447	100	0,3	7-0000-100-10
102	107	0,4	102	0,456	75	0,25	7-0000-102-10
110	115	0,4	110	0,491	75	0,25	7-0000-110-10
120	125	0,4	120	0,535	75	0,25	7-0000-120-10
125	130	0,4	125	0,557	75	0,25	7-0000-125-10
127	132	0,4	127	0,565	75	0,25	7-0000-127-10
130	135	0,4	130	0,579	75	0,25	7-0000-130-10
140	145	0,4	140	0,622	75	0,25	7-0000-140-10
150	155	0,4	150	0,666	75	0,25	7-0000-150-10
152	157	0,4	152	0,675	75	0,25	7-0000-152-10
160	165	0,4	160	0,710	50	0,15	7-0000-160-10
175	180	0,4	175	0,776	50	0,15	7-0000-175-10
180	185	0,4	180	0,798	50	0,15	7-0000-180-10
200	206	0,4	200	0,933	50	0,15	7-0000-200-10
203	209	0,4	203	0,946	50	0,15	7-0000-203-10
225	231	0,4	225	1,048	50	0,15	7-0000-225-10
250	259	0,4	250	1,163	20	0,1	7-0000-250-10

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I.D. Ø mm	O.D. Ø mm	Wall thickness mm	r (mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure bar	Part no.
280	286	0,4	280	1,301	20	0,1	7-0000-280-10
300	306	0,4	300	1,500	20	0,1	7-0000-300-10
350	356	0,4	300	1,748	20	0,1	7-0000-350-10

Further diameters upon request.

State: 10.05.2020

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