

## SMOOTHFLEX PU C IND

TPU ducting reinforced with rigid anti-shock PVC helix

- Hydrolysis and Microbe resistant
- Light and flexible
- Smooth bore

### MEDIUM



### PROPERTIES



#### Structure:

ECO Polyether-Polyurethane wall, reinforced with rigid anti-shock PVC helix

#### Characteristics:

Industrial version. Microbe und hydrolysis resistant, very flexible, good abrasion resistance and light weight. Smooth bore, with outer convolution

#### Applications:

Designed for light suction and transport of abrasive particles, granules, waste and dust in plastic, wood, building industries and agriculture. Ideal in areas with high humidity

#### Temperature range:

-40°C up to +80°C

#### Colour:

Transparent, black helix

#### Specials:

SMOOTHFLEX PU C IND ANT: Antistatic version with grounding wire

SMOOTHFLEX X-TRA PU C IND: With 1mm thick wall

SMOOTHFLEX PU IND: Ester wall version, economical

SMOOTHFLEX PU FOOD: Food Grade version, hydrolysis and abrasion resistant

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

[Sustainable Products – Made in Germany](#)

I.D. Ø mm	O.D. Ø mm	Wall thickness mm	r (mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure bar	Part no.
20	-	0,40	23	0,159	250	1,50	9-1000-020-00
25	-	0,40	29	0,201	250	1,50	9-1000-025-00
30	-	0,45	35	0,244	250	1,50	9-1000-030-00
32	-	0,45	37	0,260	200	1,50	9-1000-032-00
35	-	0,45	40	0,270	200	1,50	9-1000-035-00
38	-	0,45	44	0,283	200	1,50	9-1000-038-00

I.D. Ø mm	O.D. Ø mm	Wall thickness mm	r (mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure bar	Part no.
40	-	0,50	46	0,304	200	1,50	9-1000-040-00
45	-	0,50	52	0,311	200	1,50	9-1000-045-00
51	-	0,50	59	0,375	200	1,00	9-1000-051-00
55	-	0,50	63	0,460	200	1,00	9-1000-055-00
60	-	0,50	69	0,500	160	1,00	9-1000-060-00
63	-	0,50	72	0,510	160	1,00	9-1000-063-00
65	-	0,60	75	0,598	160	1,00	9-1000-065-00
70	-	0,60	81	0,615	160	1,00	9-1000-070-00
76	-	0,60	87	0,710	160	1,00	9-1000-076-00
80	-	0,60	92	0,750	160	1,00	9-1000-080-00
90	-	0,60	104	0,800	140	1,00	9-1000-090-00
102	-	0,60	117	0,910	130	0,80	9-1000-102-00
110	-	0,60	127	0,950	120	0,80	9-1000-110-00
120	-	0,65	138	1,117	100	0,80	9-1000-120-00
127	-	0,65	146	1,200	100	0,80	9-1000-127-00
130	-	0,65	150	1,495	90	0,60	9-1000-130-00
140	-	0,65	161	1,645	90	0,60	9-1000-140-00
152	-	0,65	175	1,748	80	0,60	9-1000-152-00
160	-	0,70	184	2,231	70	0,50	9-1000-160-00
170	-	0,70	196	2,335	50	0,50	9-1000-170-00
180	-	0,70	207	2,461	40	0,50	9-1000-180-00
203	-	0,70	233	2,630	40	0,40	9-1000-203-00
250	-	0,80	288	3,910	40	0,30	9-1000-250-00

Further diameters upon request.

State: 16.10.2021