

SMOOTHFLEXX PU IND

Lightweight, abrasive resistant and very flexible PU-Ester hose, ideal for low-friction conveying of solid substances

- Good abrasion resistance
- Lightweight and very flexible hose
- Rigid PVC spiral
- Smooth bore
- Highly flexible

MEDIUM



PROPERTIES



Structure:

Polyester-Polyurethane wall, reinforced with rigid anti-shock PVC helix

Characteristics:

Industrial version of a very flexible and lightweight hose with good abrasion resistance and a smooth inside with outside folds for low-friction conveying of solid substances.

Applications:

Designed for light suction and transport of abrasive particles, granules, waste and dust in the plastic, wood and construction industries and in agriculture.

Temperature range:

-30°C up to +80°C

Colour:

Transparent, grey helix

Special constructions:

[SMOOTHFLEXX PU ANT IND](#): Antistatic version with grounding wire

SMOOTHFLEXX PU AS: Antistatic version (Surface resistance $R \leq 10^9$ Ohm/m)

SMOOTHFLEXX PU EL: Electrically conductive version (Surface resistance $R \leq 10^6$ Ohm/m)

SMOOTHFLEXX PU FR: Flame retardant version

SMOOTHFLEXX X-TRA PU: With 1,0mm thick wall

SMOOTHFLEXX X-TREME PU: With 1,4mm thick wall

SMOOTHFLEXX ULTIMATE PU: With 2,0mm thick wall

[SMOOTHFLEXX PU MHR](#): Ether-PU version for conveying of liquids and solids. Microbe-, hydrolysis- and abrasive- resistant

[SMOOTHFLEXX PU FOOD](#): Foodgrade version, Microbe and hydrolysis-resistant (Antistatic variant available)

Combinations of available construction possible. Just ask your personal sales contact for more information.

For more information about Eco-friendly products and sustainability at VACUFLEX visit our sustainability page "[Sustainable Products – Made in Germany](#)"

ID Ø [mm]	Wall Thickness [mm]	r (min.) [mm]	Weight ca. [kg/m]	Vacuum [mbar]	Pressure [bar]	Part no.
20	0,50	23	0,140	250	1,5	9-0000-020-00
25	0,50	29	0,170	250	1,5	9-0000-025-00
30	0,50	35	0,195	250	1,5	9-0000-030-00
32	0,50	37	0,210	200	1,5	9-0000-032-00
35	0,50	40	0,225	200	1,5	9-0000-035-00
38	0,50	44	0,250	200	1,5	9-0000-038-00
40	0,50	46	0,260	200	1,5	9-0000-040-00
45	0,50	52	0,293	200	1,5	9-0000-045-00
51	0,50	59	0,345	200	1,0	9-0000-051-00
60	0,50	69	0,410	160	1,0	9-0000-060-00
63	0,50	72	0,430	160	1,0	9-0000-063-00
70	0,60	81	0,514	160	1,0	9-0000-070-00
76	0,60	87	0,550	160	1,0	9-0000-076-00
80	0,60	92	0,575	160	1,0	9-0000-080-00
89	0,60	104	0,636	140	1,0	9-0000-089-00
102	0,60	117	0,721	130	0,8	9-0000-102-00
110	0,65	127	0,778	120	0,8	9-0000-110-00
120	0,65	138	0,985	100	0,8	9-0000-120-00
127	0,65	146	0,960	100	0,8	9-0000-127-00
140	0,65	161	1,205	90	0,6	9-0000-140-00
152	0,65	175	1,263	80	0,6	9-0000-152-00
160						9-0000-160-00
203	0,75	230	2,150	40	0,4	9-0000-203-00
254	0,75	288	2,630	40	0,3	9-0000-254-00

Other diameters and special variants upon request.

State: 02.11.2024