SMOOTHFLEXX PU E

Light weight and highly flexible Polyurethane ducting, reinforced with a shock resistant PVC helix



Applications extraction systems, granulate conveying, grinding machines, powder conveying & -coating, dosing

Structure Polyester-Polyurethane, uncolored, transparent, plastic spiral / rigid PVC

Temperature -30°C up to 80°C

Properties light weight, good flexibility, good abrasion resistance, very smooth inside, corrugated outside





made in Germany

Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
20	0,40	23	1,50	0,25	0,14000	9-0000-020-00/998
25	0,40	29	1,50	0,25	0,17000	9-0000-025-00/998
30	0,50	35	1,50	0,25	0,19500	9-0000-030-00/998
32	0,50	37	1,50	0,20	0,21000	9-0000-032-00/998
35	0,50	40	1,50	0,20	0,22500	9-0000-035-00/998
38	0,50	44	1,50	0,20	0,25000	9-0000-038-00/998
40	0,50	46	1,50	0,20	0,26000	9-0000-040-00/998
45	0,50	52	1,50	0,20	0,29300	9-0000-045-00/998
51	0,50	59	1,00	0,20	0,34500	9-0000-051-00/998
60	0,50	69	1,00	0,16	0,41000	9-0000-060-00/998
63	0,50	72	1,00	0,16	0,43000	9-0000-063-00/998
70	0,60	81	1,00	0,16	0,51400	9-0000-070-00/998
76	0,60	87	1,00	0,16	0,55000	9-0000-076-00/998
80	0,60	92	1,00	0,16	0,57500	9-0000-080-00/998
89	0,60	104	1,00	0,14	0,62900	9-0000-089-00/998
102	0,60	117	0,80	0,13	0,72100	9-0000-102-00/998
110	0,65	127	0,80	0,12	0,77800	9-0000-110-00/998
120	0,65	138	0,80	0,10	0,98500	9-0000-120-00/998
127	0,65	146	0,80	0,10	0,96000	9-0000-127-00/998
140	0,65	161	0,60	0,09	1,20500	9-0000-140-00/998
152	0,65	175	0,60	0,08	1,26300	9-0000-152-00/998
203	0,75	230	0,40	0,04	2,15000	9-0000-203-00/998

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All technical data, measured at 23°C, are general orientation values and are subject to production-related tolerances. Max. operating pressures apply only for short periods. Technical changes and color deviations are subject to change. Other versions are available upon request.
Date: 24.11.2026

Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
254	0,75	288	0,30	0,04	2,63000	9-0000-254-00/998

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