SMOOTHFLEXX PU FOOD

Light weight and very flexible Polyurethane hose, reinforced with rigid antishock PVC helix

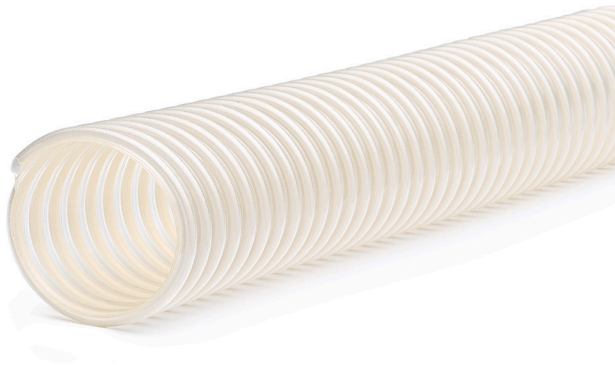
Applications food production & -conveying, pharmaceutical production, grass extraction, seed conveying, sweepers

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

Temperature -30°C up to 80°C

Properties light weight, very good flexibility, good abrasion resistance, corrugated outside, very smooth inside, hydrolysis & microbe resistant, weather proof, rot proof

Norms certified according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for A, B, C, D1, D2, E | manufacturing process according to GMP EC 2023/2006







made in Germany

Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Total Weight per Piece (kg)	Length (m)	Article Number
20	0,50	23	1,50	0,25	2,88	20	55042020-2000-000-00
25	0,50	29	1,50	0,25	3,60	20	55042025-2000-000-00
32	0,50	37	1,50	0,20	4,80	20	55042032-2000-000-00
38	0,50	44	1,50	0,20	5,60	20	55042038-2000-000-00
40	0,50	46	1,50	0,20	5,96	20	55042040-2000-000-00
51	0,50	59	1,00	0,20	7,50	20	55042051-2000-000-00
51	0,50	59	1,00	0,20	11,25	30	55042051-3000-000-00
63	0,50	72	1,00	0,16	9,26	20	55042063-2000-000-00
70	0,60	81	1,00	0,16	8,32	15	55042070-1500-000-00
70	0,60	81	1,00	0,16	11,09	20	55042070-2000-000-00
76	0,60	87	1,00	0,16	12,60	20	55042076-2000-000-00
80	0,60	92	1,00	0,16	13,36	20	55042080-2000-000-00
102	0,60	117	0,80	0,13	17,00	20	55042102-2000-000-00
102	0,60	117	0,80	0,13	8,50	10	55042102-1000-000-00
110	0,65	127	0,80	0,12	7,78	10	55042110-1000-000-00
127	0,65	146	0,80	0,10	15,09	15	55042127-1500-000-00
127	0,65	146	0,80	0,10	19,20	20	55042127-2000-000-00
127	0,65	146	0,80	0,10	10,60	10	55042127-1000-000-00
152	0,65	175	0,60	0,08	19,05	15	55042152-1500-000-00
152	0,65	175	0,60	0,08	25,26	20	55042152-2000-000-00
152	0,65	175	0,60	0,08	12,70	10	55042152-1000-000-00
203	0,75	230	0,40	0,04	16,98	10	55042203-1000-000-00

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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: 19.11.2026

Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Total Weight per Piece (kg)	Length (m)	Article Number
254	0,75	288	0,30	0,04	21,24	10	55042254-1000-000-00

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