SMOOTHFLEXX PU FOOD

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

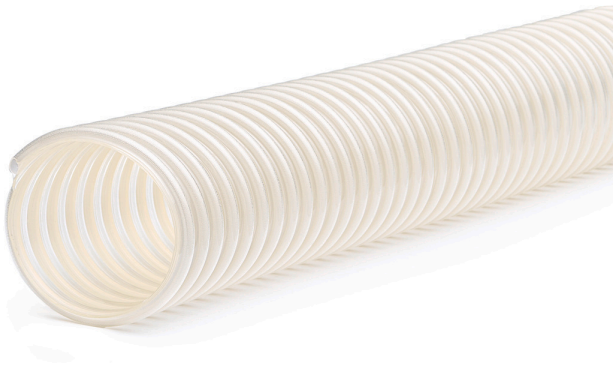
Applications food production & -conveying, pharmaceutical production, grass extraction, seed conveying, sweepers

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)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Total Weight per Piece (kg)	Length (m)	Article Number
25	30,40	0,40	29	1,50	0,25	0,20000	4,00	20	5440250200
40		0,50	46	1,50	0,20	0,26000			5440400200
51		0,50	59	1,00	0,20	0,34500			5440510200
60	66,00	0,50	69	1,00	0,16	0,50000	10,00	20	5440600200
70	76,00	0,60	81	1,00	0,16	0,62000	12,30	20	5440700200
102		0,60	117	0,80	0,13	0,72100			5441020200
110		0,65	127	0,80	0,12	0,77800			5441100200

APD Schlauchtechnik GmbH | Technologiering 12 | 41751 Viersen-Dülken | Germany | T +49 2163 9 49 96 0 | F +49 2163 9 49 96 29 | info@apd-schlauchtechnik.de

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 measured at +23°C.

Date: 25.11.2026