

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	TPU / 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



Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Length (m)	Article Number
20	0,50	23	1,50	0,25	0,14000	20	ND35002000N
25	0,50	29	1,50	0,25	0,17000	20	ND35002500N
30	0,50	35	1,50	0,25	0,19500	20	ND35003000N
32	0,50	37	1,50	0,20	0,21000	20	ND35003200N
35	0,50	40	1,50	0,20	0,22500	20	ND35003500N
38	0,50	44	1,50	0,20	0,25000	20	ND35003800N
40	0,50	46	1,50	0,20	0,26100	20	ND35004000N
45	0,50	52	1,50	0,20	0,29300	20	ND35004500N
51	0,50	59	1,00	0,20	0,31500	20	ND35005100N
60	0,50	69	1,00	0,16	0,41000	20	ND35006000N
63	0,50	72	1,00	0,16	0,43000	20	ND35006300N
70	0,60	81	1,00	0,16	0,50300	20	ND35007000N
76	0,60	87	1,00	0,16	0,55000	20	ND35007600N
80	0,60	92	1,00	0,16	0,57500	20	ND35008000N
102	0,60	117	0,80	0,13	0,67000	20	ND35010200N
110	0,65	127	0,80	0,12	0,73000	20	ND35011000N
120	0,65	138	0,80	0,10	0,86300	20	ND35012000N
127	0,65	146	0,80	0,10	0,96000	20	ND35012700N
140	0,65	161	0,60	0,09	1,00600	20	ND35014000N
152	0,65	175	0,60	0,08	1,26300	20	ND35015200N
203	0,75	230	0,40	0,04	2,15000	10	ND35020300K