SMOOTHFLEXX PU FOOD ANT

Light weight and highly flexible Polyurethane hose, reinforced with a PVC helix and a copper wire for grounding



Applications food production & -conveying, extraction systems, granulate conveying, conveying technology, dosing

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

Temperature -30°C up to 80°C

Properties good flexibility, good abrasion resistance, corrugated outside, very smooth inside, hydrolysis & microbe resistant, rot proof, weather proof, with copper wire for grounding

Norms certified according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for A, B, C, D1, D2, E | FDA standard 21 CFR 177.2600 & 178.2010 | 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)	Weight (kg/m)	Length (m)	Article Number
20	0,50	23	1,50	0,25	0,16800	25	ND35102000P
25	0,50	29	1,50	0,25	0,20000	25	ND35102500P
30	0,50	35	1,50	0,25	0,22800	25	ND35103000P
32	0,50	37	1,50	0,20	0,24600	25	ND35103200P
35	0,50	40	1,50	0,20	0,26200	25	ND35103500P
38	0,50	44	1,50	0,20	0,29100	25	ND35103800P
40	0,50	46	1,50	0,20	0,29800	25	ND35104000P
45	0,50	52	1,50	0,20	0,33500	25	ND35104500P
51	0,50	59	1,00	0,20	0,36700	25	ND35105100P
60	0,50	69	1,00	0,16	0,47100	25	ND35106000P
63	0,50	72	1,00	0,16	0,49400	25	ND35106300P
70	0,60	81	1,00	0,16	0,55700	25	ND35107000P
76	0,60	87	1,00	0,16	0,60400	25	ND35107600P
80	0,60	92	1,00	0,16	0,63200	25	ND35108000P
102	0,60	117	0,80	0,13	0,79300	25	ND35110200P
110	0,65	127	0,80	0,12	0,84700	10	ND35111000K
120	0,65	138	0,80	0,10	1,12300	10	ND35112000K
127	0,65	146	0,80	0,10	1,03400	10	ND35112700K
140	0,65	161	0,60	0,09	1,28000	10	ND35114000K
152	0,65	175	0,60	0,08	1,34300	10	ND35115200K
203	0,75	230	0,40	0,04	2,23100	10	ND35120300K

Ocono France SARL | 30 Chemin de Fortuneau | 26200 Montélimar | France | T +33 475 017575 | france@ocono.com

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