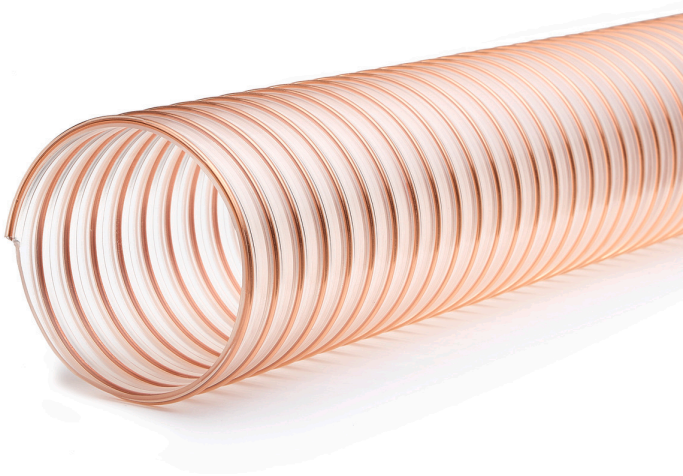
PU FOOD 1

Medium weight and flexible Polyurethane hose, food grade



Applications	food production & -conveying, pharmaceutical production, extraction systems, conveying of abrasive media, extractions arms
Structure	Polyether-Polyurethane, transparent, steel wire / spring steel wire / not coated / copper plated
Temperature	-40°C up to 100°C, short term up to 125°C
Properties	good flexibility, very good low-temperature flexibility, very good abrasion resistance, very smooth inside, corrugated outside, free of halogen & softeners
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)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Total Weight per Piece (kg)	Length (m)	Article Number
38	44,00	1,00	32	1,69	0,45	2,48	10	ND53203800K
38	44,00	1,00	32	1,69	0,45	3,72	15	ND53203800M
40	47,00	1,00	34	1,69	0,45	5,17	15	ND53204000M
40	47,00	1,00	34	1,69	0,45	3,45	10	ND53204000K
50	57,00	1,00	43	1,32	0,40	4,17	10	ND53205000K
60	67,00	1,00	51	1,27	0,35	4,97	10	ND53206000K
60	67,00	1,00	51	1,27	0,35	7,46	15	ND53206000M
76	83,00	1,00	65	1,10	0,30	6,26	10	ND53207600K
76	83,00	1,00	65	1,10	0,30	9,39	15	ND53207600M
80	87,00	1,00	68	1,05	0,25	7,40	10	ND53208000K
80	87,00	1,00	68	1,05	0,25	11,09	15	ND53208000M
90	97,00	1,00	77	0,85	0,25	0,00	10	ND53209000K
90	97,00	1,00	77	0,85	0,25	0,00	15	ND53209000M
102	109,00	1,00	87	0,70	0,23	9,38	10	ND53210200K
102	109,00	1,00	87	0,70	0,23	14,07	15	ND53210200M
110	117,00	1,00	94	0,65	0,20	10,10	10	ND53211000K
110	117,00	1,00	94	0,65	0,20	15,15	15	ND53211000M
120	128,00	1,00	102	0,65	0,20	10,30	10	ND53212000K
120	128,00	1,00	102	0,65	0,20	15,45	15	ND53212000M
127	135,00	1,00	108	0,55	0,20	10,88	10	ND53212700K
127	135,00	1,00	108	0,55	0,20	16,32	15	ND53212700M
140	148,00	1,00	119	0,55	0,15	0,00	10	ND53214000K

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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: 25.11.2026

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Total Weight per Piece (kg)	Length (m)	Article Number
140	148,00	1,00	119	0,55	0,15	0,00	15	ND53214000M
152	160,00	1,00	130	0,45	0,15	19,42	15	ND53215200M
152	160,00	1,00	130	0,45	0,15	12,95	10	ND53215200K
160	168,00	1,00	136	0,40	0,15	13,61	10	ND53216000K
160	168,00	1,00	136	0,40	0,15	20,42	15	ND53216000M
180	188,00	1,00	153	0,35	0,12	15,27	10	ND53218000K
180	188,00	1,00	153	0,35	0,12	22,90	15	ND53218000M
200	208,00	1,00	170	0,30	0,11	20,25	10	ND53220000K
250	258,00	1,00	213	0,25	0,08	25,26	10	ND53225000K
300	308,00	1,00	255	0,20	0,07	30,27	10	ND53230000K

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