PU FOOD 0,4

Very light weight and highly flexible Polyurethane hose, food grade

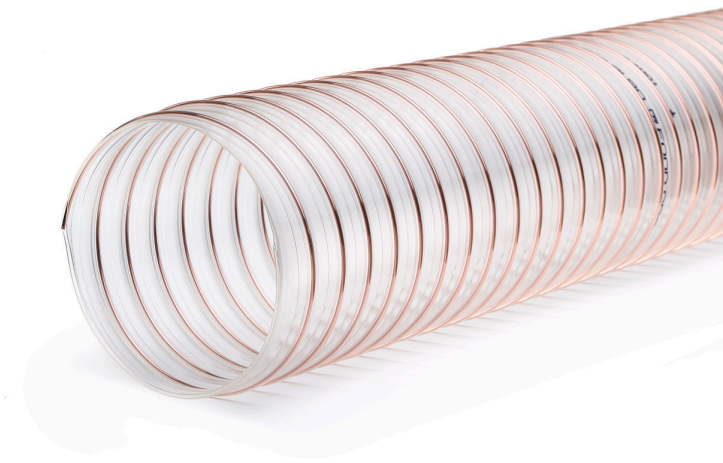
Applications extraction systems, extractions arms, food production & -conveying, pharmaceutical production, filter systems

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 excellent flexibility, excellent axial compressibility, good abrasion resistance, good oil & petrol resistance, 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



food grade · hydrolysis resistant · microbe-resistant · abrasion resistant

air · dust

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
32	36,00	0,40	20	0,60	0,30	1,64	10	ND52203200K
38	42,00	0,40	22	0,50	0,25	2,05	10	ND52203800K
38	42,00	0,40	22	0,50	0,25	3,07	15	ND52203800M
40	44,00	0,40	24	0,50	0,25	2,12	10	ND52204000K
40	44,00	0,40	24	0,50	0,25	3,18	15	ND52204000M
50	54,00	0,40	31	0,45	0,20	2,53	10	ND52205000K
50	54,00	0,40	31	0,45	0,20	3,79	15	ND52205000M
60	64,00	0,40	36	0,40	0,16	4,50	15	ND52206000M
60	64,00	0,40	36	0,40	0,16	3,00	10	ND52206000K
65	69,00	0,40	38	0,38	0,15	3,23	10	ND52206500K
65	69,00	0,40	38	0,38	0,15	4,85	15	ND52206500M
70	74,00	0,40	40	0,35	0,15	6,24	10	ND52207000K
70	74,00	0,40	40	0,35	0,15	9,36	15	ND52207000M
75	79,00	0,40	45	0,30	0,12	3,81	10	ND52207500K
75	79,00	0,40	45	0,30	0,12	5,72	15	ND52207500M
80	84,00	0,40	48	0,28	0,10	3,94	10	ND52208000K
80	84,00	0,40	48	0,28	0,10	5,90	15	ND52208000M
90	94,00	0,40	55	0,25	0,10	4,54	10	ND52209000K
90	94,00	0,40	55	0,25	0,10	6,80	15	ND52209000M
100	105,00	0,40	60	0,20	0,09	3,94	10	ND52210000K
100	105,00	0,40	60	0,20	0,09	5,90	15	ND52210000M
110	115,00	0,40	66	0,20	0,08	3,94	10	ND52211000K

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

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Date: 24.11.2026

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
120	125,00	0,40	72	0,20	0,08	5,52	10	ND52212000K
120	125,00	0,40	72	0,20	0,08	8,28	15	ND52212000M
125	130,00	0,40	75	0,18	0,07	3,28	10	ND52212500K
125	130,00	0,40	75	0,18	0,07	4,91	15	ND52212500M
140	145,00	0,40	84	0,15	0,06	6,59	10	ND52214000K
140	145,00	0,40	84	0,15	0,06	9,89	15	ND52214000M
150	155,00	0,40	90	0,10	0,06	10,58	15	ND52215000M
150	155,00	0,40	90	0,10	0,06	7,05	10	ND52215000K
160	165,00	0,40	96	0,09	0,06	7,31	10	ND52216000K
160	165,00	0,40	96	0,09	0,06	10,96	15	ND52216000M
170	175,00	0,40	100	0,09	0,06	7,97	10	ND52217000K
180	185,00	0,40	108	0,09	0,06	8,20	10	ND52218000K
180	185,00	0,40	108	0,09	0,06	12,30	15	ND52218000M
200	206,00	0,40	120	0,08	0,05	9,83	10	ND52220000K
200	206,00	0,40	120	0,08	0,05	14,74	15	ND52220000M
225	231,00	0,40	135	0,06	0,04	11,02	10	ND52222500K
250	256,00	0,40	150	0,05	0,04	12,54	10	ND52225000K
250	256,00	0,40	150	0,05	0,04	18,81	15	ND52225000M
300	306,00	0,40	180	0,03	0,03	14,99	10	ND52230000K
350	356,00	0,40	225	0,02	0,02	19,54	10	ND52235000K
400	406,00	0,40	240	0,02	0,02	22,29	10	ND52240000K

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