

INOXX PU FOOD ASP 1,4

Heavy weight and flexible Polyurethane hose, antistatic and food grade

Applications	food production & -conveying, pharmaceutical production, extraction systems, granulate conveying, dosing
Structure	TPU / Polyether-Polyurethane, transparent, steel wire / stainless steel wire
Temperature	-40°C up to 100°C, short term up to 125°C
Properties	good flexibility, very good abrasion resistance, permanently antistatic ($R < 10^9$ Ohm), free of halogen & softeners, smooth inside, corrugated outside
Norms	certified according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for E TRGS 727, ATEX 2014/34/EU / pneumatic transport of combustible dusts (inside: zone 20, 21, 22), ATEX 2014/34/EU / use in zones 1 & 2, ATEX 2014/34/EU / use in zone 0, ATEX 2014/34/EU / aspiration (no zone or inside: zone 22) FDA standard 21 CFR 177.2600 & 178.2010 manufacturing process according to GMP EC 2023/2006



food
grade



hydrolysis
resistant



microbe-
resistant



permanently
antistatic



abrasion
resistant



very smooth
inside



dust



solids



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
25	34,00	1,40	25	3,75	0,90	2,61	10	ND54902500K
25	34,00	1,40	25	3,75	0,90	3,92	15	ND54902500M
32	41,00	1,40	32	3,56	0,86	3,99	10	ND54903200K
32	41,00	1,40	32	3,56	0,86	5,98	15	ND54903200M
38	47,00	1,40	38	2,88	0,70	7,01	15	ND54903800M
38	47,00	1,40	38	2,88	0,70	4,67	10	ND54903800K
40	49,00	1,40	40	2,88	0,70	4,90	10	ND54904000K
40	49,00	1,40	40	2,88	0,70	7,35	15	ND54904000M
51	60,00	1,40	51	2,38	0,60	6,56	10	ND54905100K
51	60,00	1,40	51	2,38	0,60	9,84	15	ND54905100M
60	69,00	1,40	60	2,25	0,55	7,65	10	ND54906000K
60	69,00	1,40	60	2,25	0,55	11,48	15	ND54906000M
65	74,00	1,40	65	2,15	0,55	8,26	10	ND54906500K
65	74,00	1,40	65	2,15	0,55	12,39	15	ND54906500M
76	85,00	1,40	76	1,75	0,50	14,39	15	ND54907600M
76	85,00	1,40	76	1,75	0,50	9,59	10	ND54907600K
80	89,00	1,40	80	1,50	0,45	10,08	10	ND54908000K
80	89,00	1,40	80	1,50	0,45	15,12	15	ND54908000M
102	112,00	1,40	102	1,21	0,40	13,77	10	ND54910200K
102	112,00	1,40	102	1,21	0,40	20,65	15	ND54910200M
120	130,00	1,40	120	0,99	0,30	16,11	10	ND54912000K
120	130,00	1,40	120	0,99	0,30	24,16	15	ND54912000M

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127	137,00	1,40	127	0,88	0,25	17,01	10	ND54912700K
127	137,00	1,40	127	0,88	0,25	25,52	15	ND54912700M
152	162,00	1,40	152	0,77	0,20	23,15	10	ND54915200K
152	162,00	1,40	152	0,77	0,20	34,72	15	ND54915200M
203	214,00	1,40	203	0,55	0,14	34,16	10	ND54920300K
203	214,00	1,40	203	0,55	0,14	51,24	15	ND54920300M
250	261,00	1,40	250	0,38	0,10	41,88	10	ND54925000K