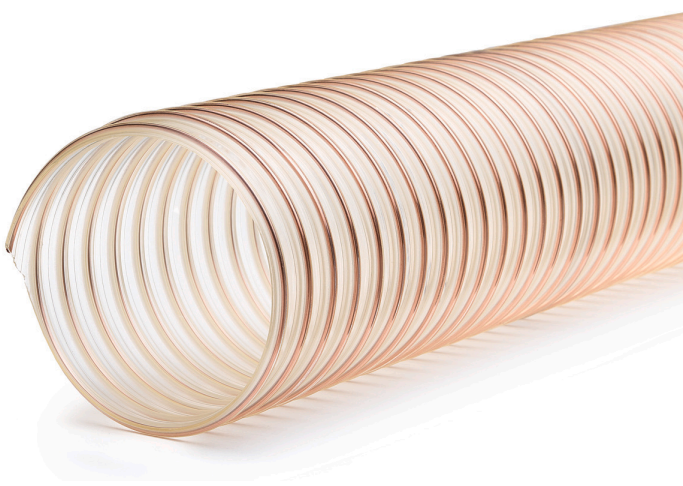
Ocono

France

SMARTFLEX® PU 0,6

Light weight and flexible Polyurethane hose, flame retardant



Applications wood dust extraction, extraction systems, leaf extraction, extractions arms, powder conveying & -coating

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 flame-retardant, permanently antistatic (R < 10^9 Ohm), hydrolysis & microbe resistant, very good flexibility, good oil & petrol resistance

Norms flame-retardant according to DIN 4102 / B1 | TRBS 2153/TRGS 727, ATEX 2014/34/EU / pneumatic transport of combustible dusts (inside: zone 20, 21, 22) | discharge capability according to BGI 739-2 with spiral earthing





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
25	29,00	0,50	15	1,70	0,45	1,62	10	ND51702500K
25	29,00	0,50	15	1,70	0,45	2,43	15	ND51702500M
30	34,00	0,50	18	1,50	0,35	3,38	15	ND51703000M
30	34,00	0,50	18	1,50	0,35	2,25	10	ND51703000K
32	36,00	0,50	19	1,60	0,42	2,39	10	ND51703200K
32	36,00	0,50	19	1,60	0,42	3,59	15	ND51703200M
35	39,00	0,50	20	1,55	0,41	2,61	10	ND51703500K
35	39,00	0,50	20	1,55	0,41	3,91	15	ND51703500M
38	42,00	0,50	22	1,50	0,40	2,82	10	ND51703800K
38	42,00	0,50	22	1,50	0,40	4,23	15	ND51703800M
40	44,00	0,50	24	1,40	0,30	2,85	10	ND51704000K
40	44,00	0,50	24	1,40	0,30	4,27	15	ND51704000M
50	55,00	0,60	30	1,30	0,26	4,94	15	ND51705000M
50	55,00	0,60	30	1,30	0,26	3,29	10	ND51705000K
60	65,00	0,60	36	1,10	0,25	4,68	10	ND51706000K
60	65,00	0,60	36	1,10	0,25	7,02	15	ND51706000M
65	70,00	0,60	38	1,00	0,23	6,04	10	ND51706500K
65	70,00	0,60	38	1,00	0,23	9,06	15	ND51706500M
70	75,00	0,60	40	1,00	0,25	5,41	10	ND51707000K
70	75,00	0,60	40	1,00	0,25	8,11	15	ND51707000M
75	80,00	0,60	45	0,80	0,20	5,77	10	ND51707500K
75	80,00	0,60	45	0,80	0,20	8,65	15	ND51707500M

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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
80	85,00	0,60	48	0,70	0,18	6,13	10	ND51708000K
80	85,00	0,60	48	0,70	0,18	9,20	15	ND51708000M
90	95,00	0,60	54	0,70	0,16	6,13	10	ND51709000K
90	95,00	0,60	54	0,70	0,16	9,20	15	ND51709000M
100	105,00	0,60	60	0,60	0,15	5,68	10	ND51710000K
100	105,00	0,60	60	0,60	0,15	8,52	15	ND51710000M
110	115,00	0,60	66	0,50	0,14	6,24	10	ND51711000K
110	115,00	0,60	66	0,50	0,14	9,35	15	ND51711000M
115	120,00	0,60	69	0,48	0,14	6,51	10	ND51711500K
115	120,00	0,60	69	0,48	0,14	9,77	15	ND51711500M
120	125,00	0,60	72	0,45	0,14	6,79	10	ND51712000K
120	125,00	0,60	72	0,45	0,14	10,19	15	ND51712000M
125	130,00	0,60	75	0,40	0,12	10,61	15	ND51712500M
125	130,00	0,60	75	0,40	0,12	7,08	10	ND51712500K
130	135,00	0,60	80	0,35	0,12	7,36	10	ND51713000K
130	135,00	0,60	80	0,35	0,12	11,04	15	ND51713000M
140	145,00	0,60	84	0,30	0,12	7,93	10	ND51714000K
140	145,00	0,60	84	0,30	0,12	11,89	15	ND51714000M
150	155,00	0,60	90	0,25	0,10	8,49	10	ND51715000K
150	155,00	0,60	90	0,25	0,10	12,74	15	ND51715000M
160	166,00	0,60	96	0,22	0,10	10,26	10	ND51716000K
160	166,00	0,60	96	0,22	0,10	15,39	15	ND51716000M
175	181,00	0,60	103	0,20	0,10	16,81	15	ND51717500M
175	181,00	0,60	103	0,20	0,10	11,20	10	ND51717500K
180	186,00	0,60	108	0,20	0,10	11,52	10	ND51718000K
180	186,00	0,60	108	0,20	0,10	17,28	15	ND51718000M
200	206,00	0,60	120	0,20	0,09	12,79	10	ND51720000K
200	206,00	0,60	120	0,20	0,09	19,18	15	ND51720000M
225	231,00	0,60	135	0,15	0,08	14,37	10	ND51722500K
225	231,00	0,60	135	0,15	0,08	21,55	15	ND51722500M
250	257,00	0,60	150	0,15	0,06	18,49	10	ND51725000K
250	257,00	0,60	150	0,15	0,06	27,74	15	ND51725000M
300	307,00	0,60	180	0,12	0,06	22,15	10	ND51730000K
350	357,00	0,60	210	0,10	0,04	25,82	10	ND51735000K
400	407,00	0,60	240	0,08	0,02	29,48	10	ND51740000K
450	457,00	0,60	270	0,04	0,01	33,14	10	ND51745000K
500	507,00	0,60	300	0,02	0,01	36,81	10	ND51750000K

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