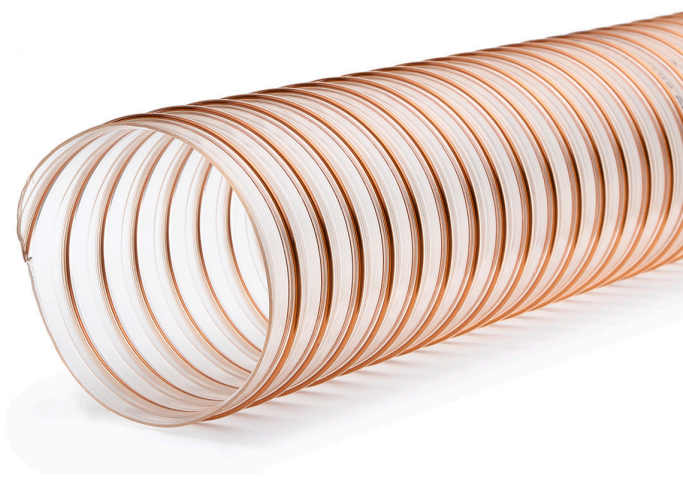
Ocono

France

SMARTFLEX® PU 0,7

Medium weight and flexible spiral hose made of Polyurethane, flame retardant



Applications wood dust extraction, sawing & milling, grass extraction, leaf extraction, conveying of abrasive media

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, 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 | DIN 26057-2





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	30,00	0,70	15	1,55	0,40	3,30	15	ND56702500M
25	30,00	0,70	15	1,55	0,40	2,20	10	ND56702500K
30	35,00	0,70	20	1,45	0,38	2,61	10	ND56703000K
30	35,00	0,70	20	1,45	0,38	3,91	15	ND56703000M
32	37,00	0,70	22	1,40	0,35	3,77	10	ND56703200K
32	37,00	0,70	22	1,40	0,35	5,66	15	ND56703200M
38	43,00	0,70	26	1,40	0,33	3,26	10	ND56703800K
38	43,00	0,70	26	1,40	0,33	4,89	15	ND56703800M
40	45,00	0,70	28	1,35	0,32	3,07	10	ND56704000K
40	45,00	0,70	28	1,35	0,32	4,61	15	ND56704000M
45	50,00	0,70	30	1,20	0,30	3,83	10	ND56704500K
45	50,00	0,70	30	1,20	0,30	5,74	15	ND56704500M
50	56,00	0,70	35	1,18	0,27	3,85	10	ND56705000K
50	56,00	0,70	35	1,18	0,27	5,78	15	ND56705000M
60	66,00	0,70	42	1,18	0,27	4,60	10	ND56706000K
60	66,00	0,70	42	1,18	0,27	6,89	15	ND56706000M
65	71,00	0,70	48	1,10	0,25	4,97	10	ND56706500K
65	71,00	0,70	48	1,10	0,25	7,45	15	ND56706500M
70	76,00	0,70	51	1,10	0,25	5,34	10	ND56707000K
70	76,00	0,70	51	1,10	0,25	8,01	15	ND56707000M
76	82,00	0,70	53	0,90	0,23	5,78	10	ND56707600K
76	82,00	0,70	53	0,90	0,23	8,67	15	ND56707600M

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

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
76	82,00	0,70	53	0,90	0,23	11,56	20	ND56707600N
80	86,00	0,70	56	0,86	0,21	6,08	10	ND56708000K
80	86,00	0,70	56	0,86	0,21	9,12	15	ND56708000M
90	96,00	0,70	60	0,75	0,20	6,82	10	ND56709000K
90	96,00	0,70	60	0,75	0,20	10,23	15	ND56709000M
102	108,00	0,70	71	0,64	0,19	7,71	10	ND56710200K
102	108,00	0,70	71	0,64	0,19	11,56	15	ND56710200M
102	108,00	0,70	71	0,64	0,19	15,42	20	ND56710200N
110	116,00	0,70	78	0,60	0,17	8,30	10	ND56711000K
110	116,00	0,70	78	0,60	0,17	12,45	15	ND56711000M
120	126,00	0,70	84	0,54	0,16	13,42	15	ND56712000M
120	126,00	0,70	84	0,54	0,16	8,95	10	ND56712000K
125	131,00	0,70	88	0,50	0,15	9,31	10	ND56712500K
125	131,00	0,70	88	0,50	0,15	13,97	15	ND56712500M
140	146,00	0,70	98	0,43	0,11	10,41	10	ND56714000K
140	146,00	0,70	98	0,43	0,11	15,62	15	ND56714000M
150	156,00	0,70	105	0,41	0,11	11,15	10	ND56715000K
150	156,00	0,70	105	0,41	0,11	16,72	15	ND56715000M
160	166,00	0,70	112	0,37	0,11	11,88	10	ND56716000K
160	166,00	0,70	112	0,37	0,11	17,82	15	ND56716000M
180	187,00	0,70	126	0,32	0,11	15,96	10	ND56718000K
180	187,00	0,70	126	0,32	0,11	23,93	15	ND56718000M
200	207,00	0,70	140	0,27	0,10	17,71	10	ND56720000K
225	232,00	0,70	158	0,21	0,08	19,90	10	ND56722500K
225	232,00	0,70	158	0,21	0,08	29,85	15	ND56722500M
250	257,00	0,70	175	0,21	0,06	22,09	10	ND56725000K
250	257,00	0,70	175	0,21	0,06	33,14	15	ND56725000M
300	307,00	0,70	210	0,16	0,06	26,48	10	ND56730000K
350	357,00	0,70	245	0,11	0,02	33,15	10	ND56735000K
400	407,00	0,70	280	0,09	0,01	37,86	10	ND56740000K
450	457,00	0,70	315	0,07	0,01	21,29	5	ND56745000E
450	457,00	0,70	315	0,07	0,01	42,57	10	ND56745000K
500	507,00	0,70	350	0,05	0,01	47,28	10	ND56750000K

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