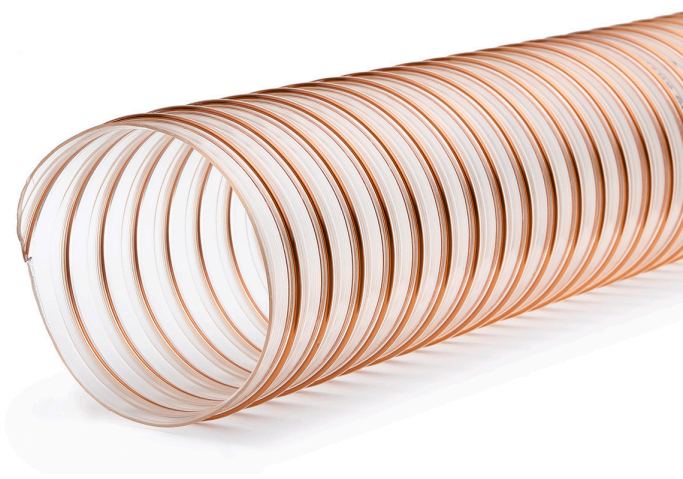
SMARTFLEX® 0.7

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	2,20	10	08700025-1000-000-00
25	30,00	0,70	15	1,55	0,40	3,30	15	08700025-1500-000-00
30	35,00	0,70	20	1,45	0,38	2,61	10	08700030-1000-000-00
30	35,00	0,70	20	1,45	0,38	3,91	15	08700030-1500-000-00
32	37,00	0,70	22	1,40	0,35	3,77	10	08700032-1000-000-00
32	37,00	0,70	22	1,40	0,35	5,66	15	08700032-1500-000-00
35	40,00	0,70	24	1,40	0,34	3,01	10	08700035-1000-000-00
35	40,00	0,70	24	1,40	0,34	4,52	15	08700035-1500-000-00
38	43,00	0,70	26	1,40	0,33	3,26	10	08700038-1000-000-00
38	43,00	0,70	26	1,40	0,33	4,89	15	08700038-1500-000-00
40	45,00	0,70	28	1,35	0,32	3,07	10	08700040-1000-000-00
40	45,00	0,70	28	1,35	0,32	4,61	15	08700040-1500-000-00
45	50,00	0,70	30	1,20	0,30	3,83	10	08700045-1000-000-00
45	50,00	0,70	30	1,20	0,30	5,74	15	08700045-1500-000-00
50	56,00	0,70	35	1,18	0,27	3,85	10	08700050-1000-000-00
50	56,00	0,70	35	1,18	0,27	5,78	15	08700050-1500-000-00
55	61,00	0,70	38	1,18	0,27	4,23	10	08700055-1000-000-00
55	61,00	0,70	38	1,18	0,27	6,34	15	08700055-1500-000-00
60	66,00	0,70	42	1,18	0,27	4,60	10	08700060-1000-000-00
60	66,00	0,70	42	1,18	0,27	6,89	15	08700060-1500-000-00
65	71,00	0,70	48	1,10	0,25	4,97	10	08700065-1000-000-00
65	71,00	0,70	48	1,10	0,25	7,45	15	08700065-1500-000-00

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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
70	76,00	0,70	51	1,10	0,25	5,34	10	08700070-1000-000-00
70	76,00	0,70	51	1,10	0,25	8,01	15	08700070-1500-000-00
76	82,00	0,70	53	0,90	0,23	5,78	10	08700076-1000-000-00
76	82,00	0,70	53	0,90	0,23	8,67	15	08700076-1500-000-00
80	86,00	0,70	56	0,86	0,21	6,08	10	08700080-1000-000-00
80	86,00	0,70	56	0,86	0,21	9,12	15	08700080-1500-000-00
90	96,00	0,70	60	0,75	0,20	6,82	10	08700090-1000-000-00
90	96,00	0,70	60	0,75	0,20	10,23	15	08700090-1500-000-00
102	108,00	0,70	71	0,64	0,19	7,71	10	08700102-1000-000-00
102	108,00	0,70	71	0,64	0,19	11,56	15	08700102-1500-000-00
110	116,00	0,70	78	0,60	0,17	8,30	10	08700110-1000-000-00
110	116,00	0,70	78	0,60	0,17	12,45	15	08700110-1500-000-00
115	121,00	0,70	80	0,58	0,16	13,01	15	08700115-1500-000-00
115	121,00	0,70	80	0,58	0,16	8,67	10	08700115-1000-000-00
120	126,00	0,70	84	0,54	0,16	8,95	10	08700120-1000-000-00
120	126,00	0,70	84	0,54	0,16	13,42	15	08700120-1500-000-00
125	131,00	0,70	88	0,50	0,15	9,31	10	08700125-1000-000-00
125	131,00	0,70	88	0,50	0,15	13,97	15	08700125-1500-000-00
130	136,00	0,70	92	0,45	0,13	9,68	10	08700130-1000-000-00
130	136,00	0,70	92	0,45	0,13	14,52	15	08700130-1500-000-00
140	146,00	0,70	98	0,43	0,11	10,41	10	08700140-1000-000-00
140	146,00	0,70	98	0,43	0,11	15,62	15	08700140-1500-000-00
150	156,00	0,70	105	0,41	0,11	11,15	10	08700150-1000-000-00
150	156,00	0,70	105	0,41	0,11	16,72	15	08700150-1500-000-00
160	166,00	0,70	112	0,37	0,11	11,88	10	08700160-1000-000-00
160	166,00	0,70	112	0,37	0,11	17,82	15	08700160-1500-000-00
175	181,00	0,70	123	0,35	0,11	12,98	10	08700175-1000-000-00
175	181,00	0,70	123	0,35	0,11	19,47	15	08700175-1500-000-00
180	187,00	0,70	126	0,32	0,11	23,93	15	08700180-1500-000-00
180	187,00	0,70	126	0,32	0,11	15,96	10	08700180-1000-000-00
200	207,00	0,70	140	0,27	0,10	17,71	10	08700200-1000-000-00
200	207,00	0,70	140	0,27	0,10	26,56	15	08700200-1500-000-00
215	217,00	0,70	150	0,23	0,06	24,71	15	08700215-1500-000-00
215	217,00	0,70	150	0,23	0,06	16,47	10	08700215-1000-000-00
225	232,00	0,70	158	0,21	0,08	19,90	10	08700225-1000-000-00
225	232,00	0,70	158	0,21	0,08	29,85	15	08700225-1500-000-00
250	257,00	0,70	175	0,21	0,06	22,09	10	08700250-1000-000-00
250	257,00	0,70	175	0,21	0,06	33,14	15	08700250-1500-000-00
254	261,00	0,70	179	0,20	0,06	22,44	10	08700254-1000-000-00
254	261,00	0,70	179	0,20	0,06	33,66	15	08700254-1500-000-00
275	282,00	0,70	185	0,18	0,06	24,28	10	08700275-1000-000-00
300	307,00	0,70	210	0,16	0,06	26,48	10	08700300-1000-000-00
315	322,00	0,70	225	0,14	0,05	29,86	10	08700315-1000-000-00
325	332,00	0,70	235	0,11	0,03	34,15	10	08700325-1000-000-00

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350	357,00	0,70	245	0,11	0,02	33,15	10	08700350-1000-000-00
400	407,00	0,70	280	0,09	0,01	37,86	10	08700400-1000-000-00
450	457,00	0,70	315	0,07	0,01	42,57	10	08700450-1000-000-00
500	507,00	0,70	350	0,05	0,01	47,28	10	08700500-1000-000-00

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