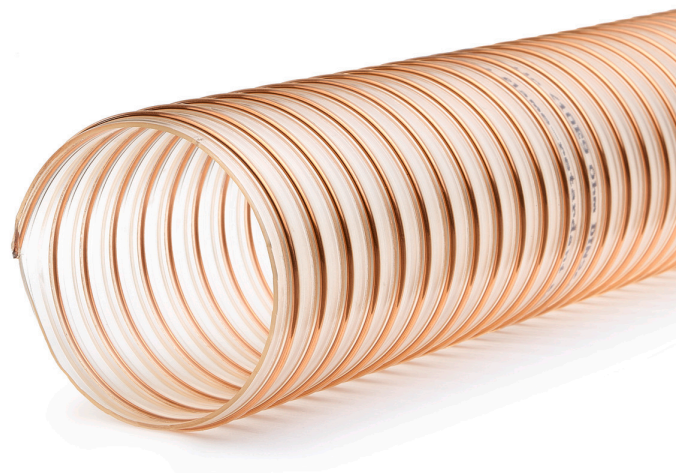


SMARTFLEX® 1.4

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

Applications	conveying of abrasive media, granulate conveying, industrial vacuum cleaners, wood dust extraction, conveying technology
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 ($R < 10^9 \text{ Ohm}$), hydrolysis & microbe resistant, good flexibility, very smooth inside, corrugated outside
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), ATEX 2014/34/EU / conveying of flammable liquids (inside: zone 0, 1, 2) discharge capability according to BGI 739-2 with spiral earthing DIN 26057-3



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	41,00	1,40	32	3,56	0,86	4,09	10	5470320100
38	47,00	1,40	38	2,88	0,70	4,67	10	5470380100
40	49,00	1,40	40	2,88	0,70	7,35	15	5470400150
51	60,00	1,40	51	2,38	0,60	6,56	10	5470510100
60	69,00	1,40	60	2,25	0,55	7,65	10	5470600100
65	74,00	1,40	65	2,15	0,55	8,26	10	5470650100
70	79,00	1,40	70	2,00	0,55	8,87	10	5470700100
75	84,00	1,40	75	1,75	0,50	9,47	10	5470750100
80	89,00	1,40	80	1,50	0,45	10,08	10	5470800100
85		1,40	140	1,20	0,44	12,00	10	5470850100
90	99,00	1,40	90	1,35	0,40	11,29	10	5470900100
100	110,00	1,40	100	1,21	0,40	13,51	10	5471000100
120	130,00	1,40	120	0,99	0,30	16,11	10	5471200100
125	135,00	1,40	125	0,88	0,25	16,75	10	5471250100
127	137,00	1,40	127	0,88	0,25	17,01	10	547127
130	140,00	1,40	130	0,80	0,23	17,40	10	5471300100
140	150,00	1,40	140	0,77	0,20	18,70	10	5471400100
150	160,00	1,40	150	0,77	0,20	20,00	10	5471500100
180	190,00	1,40	180	0,55	0,15	29,01	10	5471800100
200	211,00	1,40	200	0,55	0,15	27,96	10	5472000100
225	236,00	1,40	225	0,44	0,10	31,35	10	5472250100
250	261,00	1,40	250	0,38	0,10	34,75	10	5472500100

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
300	311,00	1,40	300	0,30	0,10	41,54	10	5473000100
350	361,00	1,40	350	0,28	0,09	46,07	10	5473500100
400	411,00	1,40	400	0,25	0,09	60,83	10	5474000100