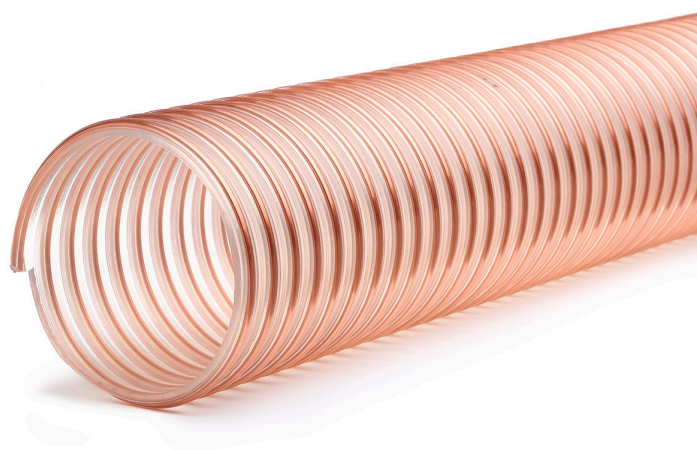


SMARTFLEX® 2.0

Very heavy weight Polyurethane hose, flame retardant

Applications	conveying of abrasive media, roof graveling, vacuum conveyor, fish farming, gravel conveying
Structure	TPU / 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, 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) discharge capability according to BGI 739-2 with spiral earthing DIN 26057-4



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
38	50,00	2,00	100	3,75	0,95	7,48	10	09200038-1000-000-00
38	50,00	2,00	100	3,75	0,95	11,21	15	09200038-1500-000-00
40	52,00	2,00	100	3,75	0,95	8,30	10	09200040-1000-000-00
40	52,00	2,00	100	3,75	0,95	12,46	15	09200040-1500-000-00
45	57,00	2,00	105	3,75	0,95	8,66	10	09200045-1000-000-00
51	63,00	2,00	126	3,19	0,95	10,42	10	09200051-1000-000-00
51	63,00	2,00	126	3,19	0,95	15,63	15	09200051-1500-000-00
60	72,00	2,00	150	2,80	0,95	12,26	10	09200060-1000-000-00
60	72,00	2,00	150	2,80	0,95	18,39	15	09200060-1500-000-00
65	77,00	2,00	165	2,60	0,95	13,25	10	09200065-1000-000-00
65	77,00	2,00	165	2,60	0,95	19,87	15	09200065-1500-000-00
70	82,00	2,00	170	2,50	0,95	12,89	10	09200070-1000-000-00
70	82,00	2,00	170	2,50	0,95	19,33	15	09200070-1500-000-00
76	88,00	2,00	190	2,25	0,95	13,90	10	09200076-1000-000-00
76	88,00	2,00	190	2,25	0,95	20,85	15	09200076-1500-000-00
80	93,00	2,00	200	2,09	0,95	14,63	10	09200080-1000-000-00
80	93,00	2,00	200	2,09	0,95	21,94	15	09200080-1500-000-00
90	103,00	2,00	220	1,95	0,95	24,48	15	09200090-1500-000-00
90	103,00	2,00	220	1,95	0,95	16,32	10	09200090-1000-000-00
102	115,00	2,00	290	1,90	0,95	18,35	10	09200102-1000-000-00
102	115,00	2,00	290	1,90	0,95	27,53	15	09200102-1500-000-00
110	123,00	2,00	305	1,80	0,90	19,71	10	09200110-1000-000-00

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
110	123,00	2,00	305	1,80	0,90	29,56	15	09200110-1500-000-00
115	128,00	2,00	320	1,60	0,90	20,55	10	09200115-1000-000-00
115	128,00	2,00	320	1,60	0,90	30,83	15	09200115-1500-000-00
120	133,00	2,00	350	1,55	0,90	21,38	10	09200120-1000-000-00
120	133,00	2,00	350	1,55	0,90	32,07	15	09200120-1500-000-00
127	140,00	2,00	358	1,45	0,85	26,16	10	09200127-1000-000-00
127	140,00	2,00	358	1,45	0,85	39,25	15	09200127-1500-000-00
130	140,00	2,00	365	1,30	0,80	26,75	10	09200130-1000-000-00
140	153,00	2,00	442	1,30	0,80	28,71	10	09200140-1000-000-00
140	153,00	2,00	442	1,30	0,80	43,07	15	09200140-1500-000-00
152	165,00	2,00	462	1,35	0,75	26,88	10	09200152-1000-000-00
152	165,00	2,00	462	1,35	0,75	40,33	15	09200152-1500-000-00
160	173,00	2,00	680	1,25	0,70	28,24	10	09200160-1000-000-00
180	193,00	2,00	750	1,10	0,65	31,63	10	09200180-1000-000-00
200	213,00	2,00	900	1,04	0,60	35,01	10	09200200-1000-000-00
250	263,00	2,00	1.300	0,63	0,40	43,48	10	09200250-1000-000-00