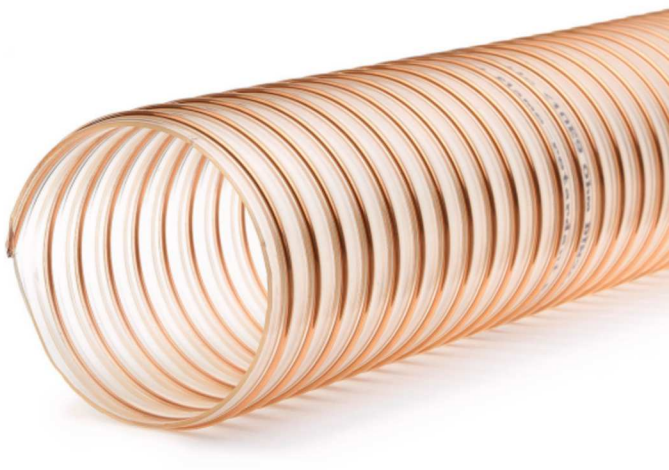
SCHAUENBURG
RUHRKUNSTSTOFF GMBH

SMARTFLEX® 1.4

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	TPU / Polyether-Polyurethane, clear, 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 resistance, 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





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
20	28,00	1,40	20	3,90	0,90	2,00	10	08800020-1000-000-00
20	28,00	1,40	20	3,90	0,90	3,00	15	08800020-1500-000-00
25	33,00	1,40	25	3,75	0,90	2,41	10	08800025-1000-000-00
25	33,00	1,40	25	3,75	0,90	3,62	15	08800025-1500-000-00
30	39,00	1,40	30	3,75	0,90	3,76	10	08800030-1000-000-00
30	39,00	1,40	30	3,75	0,90	5,64	15	08800030-1500-000-00
32	41,00	1,40	32	3,56	0,86	4,09	10	08800032-1000-000-00
32	41,00	1,40	32	3,56	0,86	6,13	15	08800032-1500-000-00
35	44,00	1,40	35	3,20	0,80	4,33	10	08800035-1000-000-00
35	44,00	1,40	35	3,20	0,80	6,50	15	08800035-1500-000-00
38	47,00	1,40	38	2,88	0,70	4,67	10	08800038-1000-000-00
38	47,00	1,40	38	2,88	0,70	7,01	15	08800038-1500-000-00
40	49,00	1,40	40	2,88	0,70	4,90	10	08800040-1000-000-00
40	49,00	1,40	40	2,88	0,70	7,35	15	08800040-1500-000-00
45	54,00	1,40	45	2,45	0,65	5,47	10	08800045-1000-000-00
45	54,00	1,40	45	2,45	0,65	8,21	15	08800045-1500-000-00
50	59,00	1,40	50	2,38	0,60	9,65	15	08800050-1500-000-00
50	59,00	1,40	50	2,38	0,60	6,44	10	08800050-1000-000-00
55	64,00	1,40	55	2,30	0,58	7,04	10	08800055-1000-000-00
55	64,00	1,40	55	2,30	0,58	10,57	15	08800055-1500-000-00

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Date: 03.12.2025

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
60	69,00	1,40	60	2,25	0,55	7,65	10	08800060-1000-000-00
60	69,00	1,40	60	2,25	0,55	11,48	15	08800060-1500-000-00
65	74,00	1,40	65	2,15	0,55	8,26	10	08800065-1000-000-00
65	74,00	1,40	65	2,15	0,55	12,39	15	08800065-1500-000-00
70	79,00	1,40	70	2,00	0,55	13,30	15	08800070-1500-000-00
70	79,00	1,40	70	2,00	0,55	8,87	10	08800070-1000-000-00
76	85,00	1,40	76	1,75	0,50	9,59	10	08800076-1000-000-00
76	85,00	1,40	76	1,75	0,50	14,39	15	08800076-1500-000-00
80	89,00	1,40	80	1,50	0,45	15,12	15	08800080-1500-000-00
80	89,00	1,40	80	1,50	0,45	10,08	10	08800080-1000-000-00
90	99,00	1,40	90	1,35	0,40	11,29	10	08800090-1000-000-00
90	99,00	1,40	90	1,35	0,40	16,94	15	08800090-1500-000-00
100	110,00	1,40	100	1,21	0,40	13,51	10	08800100-1000-000-00
100	110,00	1,40	100	1,21	0,40	20,26	15	08800100-1500-000-00
110	120,00	1,40	110	1,15	0,38	15,81	10	08800110-1000-000-00
110	120,00	1,40	110	1,15	0,38	23,71	15	08800110-1500-000-00
115	125,00	1,40	115	1,10	0,35	15,46	10	08800115-1000-000-00
115	125,00	1,40	115	1,10	0,35	23,18	15	08800115-1500-000-00
120	130,00	1,40	120	0,99	0,30	24,16	15	08800120-1500-000-00
120	130,00	1,40	120	0,99	0,30	16,11	10	08800120-1000-000-00
127	137,00	1,40	127	0,88	0,25	17,01	10	08800127-1000-000-00
127	137,00	1,40	127	0,88	0,25	25,52	15	08800127-1500-000-00
127	137,00	1,40	127	0,88	0,25	34,03	20	08800127-2000-000-00
130	140,00	1,40	130	0,80	0,23	17,40	10	08800130-1000-000-00
130	140,00	1,40	130	0,80	0,23	26,11	15	08800130-1500-000-00
140	150,00	1,40	140	0,77	0,20	18,70	10	08800140-1000-000-00
140	150,00	1,40	140	0,77	0,20	28,05	15	08800140-1500-000-00
150	160,00	1,40	150	0,77	0,20	20,00	10	08800150-1000-000-00
150	160,00	1,40	150	0,77	0,20	30,00	15	08800150-1500-000-00
160	170,00	1,40	160	0,66	0,20	31,95	15	08800160-1500-000-00
160	170,00	1,40	160	0,66	0,20	21,30	10	08800160-1000-000-00
175	185,00	1,40	175	0,60	0,18	28,23	10	08800175-1000-000-00
175	185,00	1,40	175	0,60	0,18	42,34	15	08800175-1500-000-00
180	190,00	1,40	180	0,55	0,15	29,01	10	08800180-1000-000-00
180	190,00	1,40	180	0,55	0,15	43,52	15	08800180-1500-000-00
200	211,00	1,40	200	0,55	0,15	27,96	10	08800200-1000-000-00
200	211,00	1,40	200	0,55	0,15	41,93	15	08800200-1500-000-00
205	216,00	1,40	205	0,50	0,14	28,63	10	08800205-1000-000-00
205	216,00	1,40	205	0,50	0,14	42,95	15	08800205-1500-000-00
215	226,00	1,40	215	0,45	0,12	29,99	10	08800215-1000-000-00
215	226,00	1,40	225	0,45	0,12	44,99	15	08800215-1500-000-00
225	236,00	1,40	225	0,44	0,10	31,35	10	08800225-1000-000-00

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225	236,00	1,40	225	0,44	0,10	47,02	15	08800225-1500-000-00
250	261,00	1,40	250	0,38	0,10	34,75	10	08800250-1000-000-00
250	261,00	1,40	250	0,38	0,10	52,12	15	08800250-1500-000-00
254	265,00	1,40	254	0,38	0,10	35,29	10	08800254-1000-000-00
254	265,00	1,40	254	0,38	0,10	52,94	15	08800254-1500-000-00
275	286,00	1,40	275	0,35	0,10	38,14	10	08800275-1000-000-00
280	291,00	1,40	280	0,32	0,10	38,82	10	08800280-1000-000-00
300	311,00	1,40	300	0,30	0,10	41,54	10	08800300-1000-000-00
300	311,00	1,40	300	0,30	0,10	62,31	15	08800300-1500-000-00
325	336,00	1,40	325	0,29	0,09	44,94	10	08800325-1000-000-00
350	361,00	1,40	350	0,28	0,09	69,10	15	08800350-1500-000-00
350	361,00	1,40	350	0,28	0,09	46,07	10	08800350-1000-000-00
400	411,00	1,40	400	0,25	0,09	60,83	10	08800400-1000-000-00
400	411,00	1,40	400	0,25	0,09	91,24	15	08800400-1500-000-00
450	461,00	1,40	450	0,13	0,08	68,34	10	08800450-1000-000-00
500	511,00	1,40	500	0,10	0,07	75,84	10	08800500-1000-000-00

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