

SMARTFLEX® 0.4

Light weight and very flexible Polyurethane hose, flame retardant

- Applications** wood dust extraction, dust extraction, furniture production, extraction systems, extractions arms
- 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 ($R < 10^9$ Ohm), hydrolysis & microbe resistant, excellent flexibility, good oil & petrol resistance
- Norms** flame-retardant according to DIN 4102 / B1 | ATEX 2014/34/EU / pneumatic transport of combustible dusts (inside: zone 20, 21, 22), TRBS 2153/TRGS 727 | discharge capability according to BGI 739-2 with spiral earthing | DIN 26057-1



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	29,00	0,40	15	0,65	0,30	1,39	10	5540250100
30	34,00	0,40	18	0,60	0,30	1,64	10	5540300100
40	44,00	0,40	24	0,50	0,25	2,06	10	5540400100
40	44,00	0,40	24	0,50	0,25	3,09	15	5540400150
50	54,00	0,40	31	0,45	0,20	2,53	10	5540500100
50	54,00	0,40	31	0,45	0,20	3,79	15	5540500150
60	64,00	0,40	36	0,40	0,16	3,00	10	5540600100
60	64,00	0,40	36	0,40	0,16	4,49	15	5540600150
70	74,00	0,40	40	0,35	0,14	3,47	10	5540700100
70	74,00	0,40	40	0,35	0,14	5,20	15	5540700150
75	79,00	0,40	45	0,30	0,12	5,55	15	5540750150
80	84,00	0,40	48	0,28	0,10	3,60	10	5540800100
80	84,00	0,40	48	0,28	0,10	5,40	15	5540800150
100	105,00	0,40	60	0,20	0,09	4,62	10	5541000100
100	105,00	0,40	60	0,20	0,09	6,94	15	5541000150
120	125,00	0,40	72	0,20	0,08	4,76	10	5541200100
120	125,00	0,40	72	0,20	0,08	7,14	15	5541200150
140	145,00	0,40	84	0,15	0,06	5,54	10	5541400100
140	145,00	0,40	84	0,15	0,06	8,31	15	5541400150
150	155,00	0,40	90	0,10	0,06	6,86	10	5541500100
150	155,00	0,40	90	0,10	0,06	10,29	15	5541500150
160	165,00	0,40	96	0,09	0,06	7,31	10	5541600100

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160	165,00	0,40	96	0,09	0,06	10,96	15	5541600150
180	185,00	0,40	108	0,09	0,06	8,20	10	5541800100
200	206,00	0,40	120	0,08	0,05	9,83	10	5542000100
225	231,00	0,40	135	0,06	0,04	11,02	10	5542250100
250	256,00	0,40	150	0,05	0,04	12,21	10	5542500100
300	306,00	0,40	180	0,03	0,03	14,59	10	5543000100