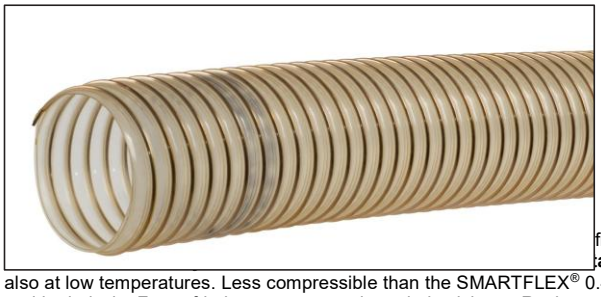
TPE, TEEE abrasion-resistant



SMARTFLEX® 0.6

Light hose for extraction and conveying of dust and sawdust, antistatic and flame-retardant

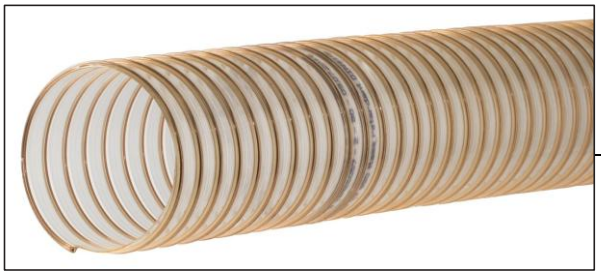
Material: transparent polyether-polyurethane, 0.6 mm thick
Reinforcement: spiral of steel wire
Working temp.: from -40°C to +100°C (briefly up to +125°C)

fine shavings, light bulk materials, etc. Specially designed to the requirements of the **wood** **atic and flame-retardant, it ensures a high level of working safety.** Pliable and flexible, also at low temperatures. Less compressible than the SMARTFLEX® 0.4 hose, but smoother inside. With very good abrasion resistance, also resistant to microbes and hydrolysis. Free of halogen compounds and plasticisers. Resistant to oils and petrol. The optimum flow direction of the medium is marked with an arrow. The hose wall thickness is measured between the spiral. Fitted onto connectors with bridge clamps (right-handed). Other diameters may be available on special order. **Antistatic properties:** permanently antistatic (per ISO 8031 resistance R < 10^9 Ω, per German technical rules TRGS 727 (6.4.2.4) surface resistivity R < 2.5 x 10^8 Ωm, per Directive 2014/34/EU (ATEX) it may be used in **specified** explosion-hazard zones - preceded by a risk analysis). After effective earthing of the spiral at both ends, it may be treated as electrically conductive – per BGI 739-2 recommendations. **Flame-retardant** – per DIN 4102 class B1.

SMARTFLEX® combines in one product all 4 advantages of a good extraction hose:
It is ABRASION-RESISTANT, PERMANENTLY ANTISTATIC, FLAME-RETARDANT, RESISTANT TO MICROBES AND HYDROLYSIS.

index	diameter inner [mm]	pressure working 23ºC [bar]	vacuum 23ºC [bar]	bending radius [mm]	weight [kg/m]	length standard [m]
SC-SMARTFLEX-020-06	20	1,9	0,55	20	0,14	10
SC-SMARTFLEX-025-06	25	1,7	0,45	25	0,17	10
SC-SMARTFLEX-030-06	30	1,65	0,45	30	0,19	10
SC-SMARTFLEX-032-06	32	1,6	0,42	32	0,20	10
SC-SMARTFLEX-035-06	35	1,5	0,35	35	0,21	10
SC-SMARTFLEX-038-06	38	1,5	0,3	38	0,23	10
SC-SMARTFLEX-040-06	40	1,4	0,3	40	0,25	10
SC-SMARTFLEX-045-06	45	1,35	0,29	45	0,28	10
SC-SMARTFLEX-050-06	50	1,3	0,28	50	0,31	10
SC-SMARTFLEX-055-06	55	1,2	0,26	55	0,42	10
SC-SMARTFLEX-060-06	60	1,1	0,25	60	0,52	10
SC-SMARTFLEX-063-06	63	1,0	0,23	63	0,55	10
SC-SMARTFLEX-065-06	65	0,9	0,22	65	0,58	10
SC-SMARTFLEX-070-06	70	0,9	0,21	70	0,61	10
SC-SMARTFLEX-075-06	75	0,8	0,2	75	0,65	10
SC-SMARTFLEX-080-06	80	0,8	0,2	80	0,68	10
SC-SMARTFLEX-090-06	90	0,7	0,16	90	0,73	10
SC-SMARTFLEX-100-06	100	0,6	0,15	100	0,83	10
SC-SMARTFLEX-102-06	102	0,6	0,15	102	0,85	10
SC-SMARTFLEX-105-06	105	0,55	0,14	105	0,88	10
SC-SMARTFLEX-110-06	110	0,5	0,14	110	0,92	10
SC-SMARTFLEX-120-06	120	0,45	0,14	120	0,95	10
SC-SMARTFLEX-125-06	125	0,4	0,12	125	1,03	10
SC-SMARTFLEX-130-06	130	0,35	0,12	130	1,07	10
SC-SMARTFLEX-140-06	140	0,3	0,12	140	1,12	10
SC-SMARTFLEX-150-06	150	0,25	0,1	150	1,24	10
SC-SMARTFLEX-160-06	160	0,22	0,1	160	1,25	10
SC-SMARTFLEX-165-06	165	0,22	0,1	165	1,31	10
SC-SMARTFLEX-170-06	170	0,22	0,1	170	1,38	10
SC-SMARTFLEX-180-06	180	0,22	0,1	180	1,51	10
SC-SMARTFLEX-200-06	200	0,2	0,09	200	1,68	10
SC-SMARTFLEX-215-06	215	0,2	0,09	215	1,81	10
SC-SMARTFLEX-225-06	225	0,15	0,09	225	1,9	10
SC-SMARTFLEX-230-06	230	0,15	0,08	230	1,92	10
SC-SMARTFLEX-250-06	250	0,15	0,08	250	1,97	10
SC-SMARTFLEX-300-06	300	0,12	0,06	300	2,36	10
SC-SMARTFLEX-325-06	325	0,11	0,05	325	2,56	10
SC-SMARTFLEX-350-06	350	0,1	0,04	350	2,75	10
SC-SMARTFLEX-400-06	400	0,08	0,02	400	3,14	10
SC-SMARTFLEX-450-06	450	0,04	0,01	450	3,55	10
SC-SMARTFLEX-500-06	500	0,02	0,01	500	3,94	10

TPE, TEEE abrasion-resistant



SMARTFLEX® 0.7

Medium-thickness hose for extraction and conveying of sawdust and shavings, antistatic and flame-retardant

Material: transparent polyether-polyurethane,