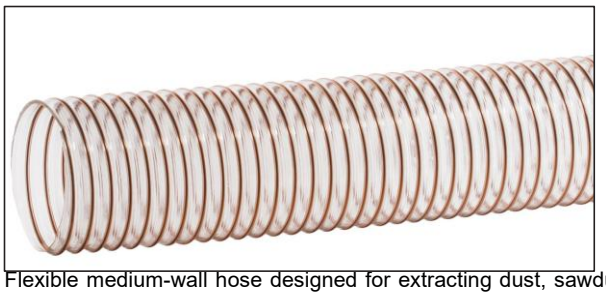
TPE, TEEE abrasion-resistant



ECO 0.7 / ECO 0.7 SE / ECO 0.7 AS

Medium-wall, eco-friendly and economical hose for the extraction and conveying of chips and solid particles

Material: transparent polyether-polyurethane, 0.7 mm wall thickness
Reinforcement: spiral of steel wire
Working temp.: from -40°C to +100°C (briefly up to +125°C)

Flexible medium-wall hose designed for extracting dust, sawdust, chips, bulk materials, granulate, etc. For all types of industry, in particular often used for extracting chips and other solid particles in the woodworking, furniture, ceramics and plastics industries. The dense reinforcing spiral provides greater vacuum resistance compared with the ECO 0.4 and ECO 0.6 hoses. Flexible, less compressible, smooth inside. Flexible also at low temperatures. Good abrasion resistance, also resistant to microbes and hydrolysis. Non-toxic, 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. Fitting onto connectors with bridge clamps (right-hand). Other diameters may be available on special order. The hose is available in the following versions:
ECO – basic version;
ECO SE – flame-retardant material version (UL94 V-2);
ECO AS – permanently antistatic version (ISO 8031: R < 10^9 Ω, TRGS 727 (6.4.2.4): R < 2.5 x 10^8 Ωm, Directive 2014/34/EU (ATEX): may be used in **specified** explosion hazard zones after risk analysis;
ECO SE AS – antistatic and flame-retardant version (available on special order).

The ECO hose is made in Germany using a modern production process compliant with sustainable-development policy. This means using raw materials recycled from clean production waste, renewable (photovoltaic) energy, a closed water cycle and other innovations, enabling a good product to be made at an attractive price.

index (ECO)	index (ECO SE)	index (ECO AS)	diameter inner [mm]	pressure working 23ºC [bar]	vacuum 23ºC [bar]	bending radius [mm]	weight [kg/m]	length standard [m]
SC-ECO-025-07	SC-ECO-025-07SE	SC-ECO-025-07AS	25	1,33	0,38	25	0,28	10
SC-ECO-030-07	SC-ECO-030-07SE	SC-ECO-030-07AS	30	1,24	0,33	30	0,33	10
SC-ECO-035-07	SC-ECO-035-07SE	SC-ECO-035-07AS	35	1,05	0,25	35	0,38	10
SC-ECO-040-07	SC-ECO-040-07SE	SC-ECO-040-07AS	40	0,86	0,19	40	0,43	10
SC-ECO-050-07	SC-ECO-050-07SE	SC-ECO-050-07AS	50	0,86	0,19	50	0,51	10
SC-ECO-060-07	SC-ECO-060-07SE	SC-ECO-060-07AS	60	0,76	0,18	60	0,6	10
SC-ECO-065-07	SC-ECO-065-07SE	SC-ECO-065-07AS	65	0,76	0,18	65	0,64	10
SC-ECO-070-07	SC-ECO-070-07SE	SC-ECO-070-07AS	70	0,76	0,18	70	0,69	10
SC-ECO-075-07	SC-ECO-075-07SE	SC-ECO-075-07AS	75	0,57	0,17	75	0,74	10
SC-ECO-080-07	SC-ECO-080-07SE	SC-ECO-080-07AS	80	0,57	0,17	80	0,79	10
SC-ECO-090-07	SC-ECO-090-07SE	SC-ECO-090-07AS	90	0,48	0,14	90	0,88	10
SC-ECO-100-07	SC-ECO-100-07SE	SC-ECO-100-07AS	100	0,48	0,14	100	1,04	10
SC-ECO-110-07	SC-ECO-110-07SE	SC-ECO-110-07AS	110	0,38	0,09	110	1,14	10
SC-ECO-120-07	SC-ECO-120-07SE	SC-ECO-120-07AS	120	0,36	0,09	120	1,16	10
SC-ECO-125-07	SC-ECO-125-07SE	SC-ECO-125-07AS	125	0,33	0,07	125	1,20	10
SC-ECO-130-07	SC-ECO-130-07SE	SC-ECO-130-07AS	130	0,31	0,07	130	1,25	10
SC-ECO-140-07	SC-ECO-140-07SE	SC-ECO-140-07AS	140	0,29	0,07	140	1,34	10
SC-ECO-150-07	SC-ECO-150-07SE	SC-ECO-150-07AS	150	0,24	0,04	150	1,43	10
SC-ECO-160-07	SC-ECO-160-07SE	SC-ECO-160-07AS	160	0,19	0,04	160	1,52	10
SC-ECO-175-07	SC-ECO-175-07SE	SC-ECO-175-07AS	175	0,19	0,03	175	1,66	10
SC-ECO-180-07	SC-ECO-180-07SE	SC-ECO-180-07AS	180	0,19	0,03	180	1,76	10
SC-ECO-200-07	SC-ECO-200-07SE	SC-ECO-200-07AS	200	0,14	0,02	200	2	10
SC-ECO-225-07	SC-ECO-225-07SE	SC-ECO-225-07AS	225	0,14	0,02	225	2,24	10
SC-ECO-250-07	SC-ECO-250-07SE	SC-ECO-250-07AS	250	0,09	0,01	250	2,48	10
SC-ECO-275-07	SC-ECO-275-07SE	SC-ECO-275-07AS	275	0,08	0,01	275	3,3	10
SC-ECO-300-07	SC-ECO-300-07SE	SC-ECO-300-07AS	300	0,08	0,01	300	3,66	10
SC-ECO-350-07	SC-ECO-350-07SE	SC-ECO-350-07AS	350	0,07	0,01	350	4,25	10
SC-ECO-400-07	SC-ECO-400-07SE	SC-ECO-400-07AS	400	0,06	0,01	400	4,84	10