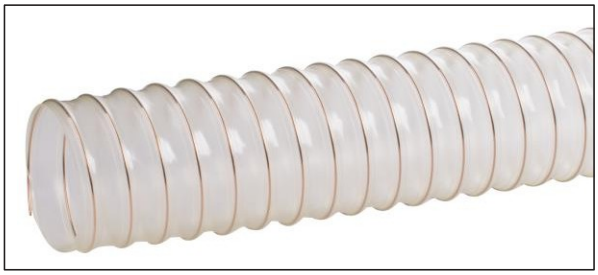
Abrasion-resistant hoses



ECO 0.4 / ECO 0.4 SE / ECO 0.4 AS

Extremely lightweight, environmentally-friendly and economical hose for extraction and transfer of air, dust, fine shavings and particles

Hose material: transparent polyether - polyurethane, 0.4 mm thick
Reinforcement: steel wire coil
Operating temp: -40°C to +100°C (temporarily up to +125°C)

A very lightweight and flexible hose for the extraction of air, dust, fine sawdust and shavings, very light bulk materials, etc. For all types of industry, in particular often used for dust extraction and extraction of fine particles in the woodworking, furniture, ceramics, plastics industries. Very flexible and **axially compressible**, flexible also at low temperatures. With good abrasion resistance, also resistant to microbes and hydrolysis. Non-toxic, free of halogen compounds and plasticisers. Oil and petrol resistant. Optimum flow direction of the medium is marked with an arrow. Hose wall thickness is measured between the spirals. Assembly on fittings with bridge clamps (right-handed). Other hoses may be available on request.
diameters. The hose is available in the following versions:
ECO - basic version;
ECO SE - flame-retardant material version (without flame-retardant classification);
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 **certain** explosion hazardous areas after risk analysis;
ECO SE AS - anti-static and flame-retardant version (available on special request).

The ECO hose is manufactured in Germany in a modern production process in line with the policy of sustainability. This means the use of recycled raw materials from clean waste from the production process, renewable energy (photovoltaic), a closed water cycle and other innovations to produce a good product at an attractive price.

index (ECO)	index (ECO SE)	index (ECO AS)	internal diameter [mm]	working pressure 23°C [bar]	vacuum 23°C [bar].	bend radius [mm]	mass [kg/m]	standard length [m]
SC-ECO-025-04	SC-ECO-025-04SE	SC-ECO-025-04AS	25	0,62	0,28	18	0,13	10
SC-ECO-030-04	SC-ECO-030-04SE	SC-ECO-030-04AS	30	0,6	0,26	21	0,16	10
SC-ECO-035-04	SC-ECO-035-04SE	SC-ECO-035-04AS	35	0,5	0,25	25	0,2	10
SC-ECO-040-04	SC-ECO-040-04SE	SC-ECO-040-04AS	40	0,48	0,24	28	0,23	10
SC-ECO-050-04	SC-ECO-050-04SE	SC-ECO-050-04AS	50	0,38	0,19	35	0,3	10
SC-ECO-060-04	SC-ECO-060-04SE	SC-ECO-060-04AS	60	0,38	0,15	42	0,34	10
SC-ECO-065-04	SC-ECO-065-04SE	SC-ECO-065-04AS	65	0,35	0,14	46	0,37	10
SC-ECO-070-04	SC-ECO-070-04SE	SC-ECO-070-04AS	70	0,33	0,13	49	0,4	10
SC-ECO-075-04	SC-ECO-075-04SE	SC-ECO-075-04AS	75	0,28	0,09	53	0,43	10
SC-ECO-080-04	SC-ECO-080-04SE	SC-ECO-080-04AS	80	0,27	0,09	56	0,46	10
SC-ECO-090-04	SC-ECO-090-04SE	SC-ECO-090-04AS	90	0,23	0,09	63	0,49	10
SC-ECO-100-04	SC-ECO-100-04SE	SC-ECO-100-04AS	100	0,19	0,08	70	0,51	10
SC-ECO-102-04	SC-ECO-102-04SE	SC-ECO-102-04AS	102	0,19	0,08	71	0,52	10
SC-ECO-110-04	SC-ECO-110-04SE	SC-ECO-110-04AS	110	0,19	0,07	77	0,56	10
SC-ECO-120-04	SC-ECO-120-04SE	SC-ECO-120-04AS	120	0,19	0,07	85	0,60	10
SC-ECO-125-04	SC-ECO-125-04SE	SC-ECO-125-04AS	125	0,19	0,07	88	0,65	10
SC-ECO-130-04	SC-ECO-130-04SE	SC-ECO-130-04AS	130	0,16	0,06	91	0,68	10
SC-ECO-140-04	SC-ECO-140-04SE	SC-ECO-140-04AS	140	0,14	0,05	95	0,71	10
SC-ECO-150-04	SC-ECO-150-04SE	SC-ECO-150-04AS	150	0,09	0,05	105	0,78	10
SC-ECO-160-04	SC-ECO-160-04SE	SC-ECO-160-04AS	160	0,09	0,05	112	0,83	10
SC-ECO-175-04	SC-ECO-175-04SE	SC-ECO-175-04AS	175	0,08	0,04	123	0,9	10
SC-ECO-180-04	SC-ECO-180-04SE	SC-ECO-180-04AS	180	0,08	0,04	126	0,95	10
SC-ECO-200-04	SC-ECO-200-04SE	SC-ECO-200-04AS	200	0,07	0,04	140	1,05	10
SC-ECO-203-04	SC-ECO-203-04SE	SC-ECO-203-04AS	203	0,07	0,04	142	1,07	10
SC-ECO-225-04	SC-ECO-225-04SE	SC-ECO-225-04AS	225	0,06	0,03	158	1,14	10
SC-ECO-250-04	SC-ECO-250-04SE	SC-ECO-250-04AS	250	0,06	0,03	175	1,25	10
SC-ECO-275-04	SC-ECO-275-04SE	SC-ECO-275-04AS	275	0,04	0,02	193	1,42	10
SC-ECO-300-04	SC-ECO-300-04SE	SC-ECO-300-04AS	300	0,03	0,02	210	1,55	10