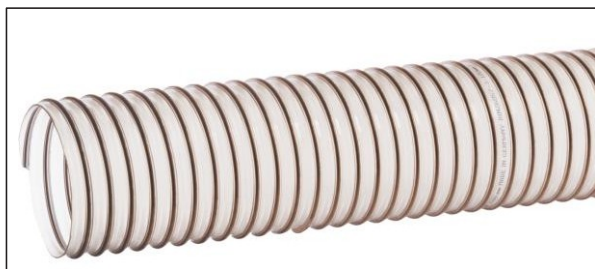


Abrasion-resistant hoses



ECO 1.4 / ECO 1.4 SE / ECO 1.4 AS

Thick, environmentally-friendly and economical hose for extraction and transport of chips, particles, granulates

Hose material: transparent polyether - polyurethane,
1.4 mm thick

Reinforcement: steel wire coil

Operating temp: -40°C to +100°C (temporarily up to +125°C)

Robust, flexible, thick-walled hose for the discharge of shavings, bulk materials, granules, etc. For all types of industry, in particular often used for discharging shavings and other solids in the woodworking, furniture, ceramics, plastics industries. Thick wall and dense reinforcing spiral ensure high pressure performance. Despite the thick wall, quite flexible. Very smooth inside, minimally compressible. Also flexible 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 diameters may be available on special request. The hose is available in the following versions:

ECO - basic version;

ECO SE - flame-retardant version (UL94 V-2);

ECO AS - permanently antistatic version (ISO 8031: $R < 10^{(9)} \Omega$, TRGS 727 (6.4.2.4): $R < 2.5 \times 10^{(8)} \Omega m$, 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-025-14	SC-ECO-025-14SE	SC-ECO-025-14AS	25	2,85	0,86	38	0,3	10
SC-ECO-030-14	SC-ECO-030-14SE	SC-ECO-030-14AS	30	2,85	0,86	45	0,37	10
SC-ECO-035-14	SC-ECO-035-14SE	SC-ECO-035-14AS	35	2,47	0,76	53	0,45	10
SC-ECO-040-14	SC-ECO-040-14SE	SC-ECO-040-14AS	40	2,19	0,67	60	0,56	10
SC-ECO-045-14	SC-ECO-045-14SE	SC-ECO-045-14AS	45	2	0,6	68	0,61	10
SC-ECO-050-14	SC-ECO-050-14SE	SC-ECO-050-14AS	50	1,80	0,57	75	0,67	10
SC-ECO-060-14	SC-ECO-060-14SE	SC-ECO-060-14AS	60	1,71	0,52	90	0,79	10
SC-ECO-065-14	SC-ECO-065-14SE	SC-ECO-065-14AS	65	1,6	0,5	98	0,85	10
SC-ECO-070-14	SC-ECO-070-14SE	SC-ECO-070-14AS	70	1,52	0,48	105	0,92	10
SC-ECO-075-14	SC-ECO-075-14SE	SC-ECO-075-14AS	75	1,14	0,48	113	0,98	10
SC-ECO-080-14	SC-ECO-080-14SE	SC-ECO-080-14AS	80	1,14	0,42	120	1,09	10
SC-ECO-090-14	SC-ECO-090-14SE	SC-ECO-090-14AS	90	1,05	0,42	135	1,23	10
SC-ECO-100-14	SC-ECO-100-14SE	SC-ECO-100-14AS	100	1,05	0,38	150	1,36	10
SC-ECO-110-14	SC-ECO-110-14SE	SC-ECO-110-14AS	110	0,95	0,33	165	1,38	10
SC-ECO-120-14	SC-ECO-120-14SE	SC-ECO-120-14AS	120	0,86	0,29	180	1,42	10
SC-ECO-125-14	SC-ECO-125-14SE	SC-ECO-125-14AS	125	0,76	0,24	188	1,54	10
SC-ECO-130-14	SC-ECO-130-14SE	SC-ECO-130-14AS	130	0,72	0,22	195	1,63	10
SC-ECO-140-14	SC-ECO-140-14SE	SC-ECO-140-14AS	140	0,67	0,19	210	1,75	10
SC-ECO-150-14	SC-ECO-150-14SE	SC-ECO-150-14AS	150	0,67	0,19	225	1,82	10
SC-ECO-160-14	SC-ECO-160-14SE	SC-ECO-160-14AS	160	0,57	0,19	240	2,15	10
SC-ECO-175-14	SC-ECO-175-14SE	SC-ECO-175-14AS	175	0,52	0,14	263	2,35	10
SC-ECO-180-14	SC-ECO-180-14SE	SC-ECO-180-14AS	180	0,48	0,14	270	2,55	10
SC-ECO-200-14	SC-ECO-200-14SE	SC-ECO-200-14AS	200	0,48	0,14	300	2,92	10
SC-ECO-225-14	SC-ECO-225-14SE	SC-ECO-225-14AS	225	0,38	0,09	338	3,25	10
SC-ECO-250-14	SC-ECO-250-14SE	SC-ECO-250-14AS	250	0,29	0,09	375	3,57	10
SC-ECO-275-14	SC-ECO-275-14SE	SC-ECO-275-14AS	275	0,29	0,09	413	3,93	10
SC-ECO-300-14	SC-ECO-300-14SE	SC-ECO-300-14AS	300	0,29	0,09	450	4,31	10
SC-ECO-350-14	SC-ECO-350-14SE	SC-ECO-350-14AS	350	0,24	0,08	525	5,05	10
SC-ECO-400-14	SC-ECO-400-14SE	SC-ECO-400-14AS	400	0,19	0,08	600	5,75	10