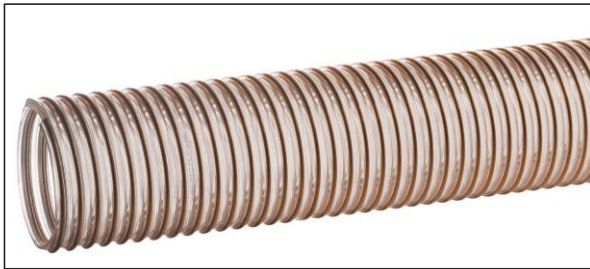


Abrasion-resistant hoses



ECO 2.0 / ECO 2.5

Extra thick, environmentally-friendly and economical abrasive extraction and transfer hose

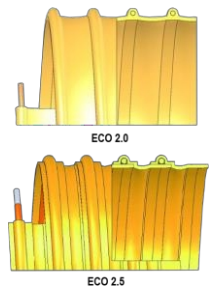
Hose material: transparent polyether - polyurethane,
with a thickness of 2.0 mm (ECO 2.0),
2.5 mm thick (ECO 2.5)

Reinforcement: steel wire coil

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

Extra-strong, thick-walled and thick-coiled flexible hose for vacuum extraction and transfer of abrasive materials e.g. sand, gravel, grain. For all types of industry, especially used for loading and emptying of silos, suction vehicles and excavators, handling from tanker trucks, etc. Thick wall and very dense reinforcing spiral for high vacuum resistance. Smooth inside, incompressible, not very flexible but flexible, even 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. The optimal direction of flow of the medium is marked with an arrow. Hose wall thickness is measured between the spirals. Other diameters may be available on special request.

Note: Due to differences in construction, ECO 2.0 and ECO 2.5 hoses differ in performance regardless of wall thickness. ECO 2.0 hose has greater vacuum resistance due to its dense spiral, but is less flexible. ECO 2.5 with a larger helix pitch is more flexible and elastic, especially in larger diameters.



The ECO hose is manufactured in Germany in a modern production process that complies with a 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	internal diameter [mm]	working pressure 23°C [bar]	vacuum 23°C [bar]	bend radius [mm]	mass [kg/m]	standard length [m]
ECO 2.0						
SC-ECO-040-20	40	2,5	0,9	100	0,83	10
SC-ECO-045-20	45	2,47	0,95	113	0,93	10
SC-ECO-050-20	50	2,45	0,95	130	1,03	10
SC-ECO-060-20	60	2,4	0,95	150	1,23	10
SC-ECO-070-20	70	2,3	0,95	210	1,44	10
SC-ECO-075-20	75	2,25	0,95	230	1,54	10
SC-ECO-076-20	76	2,25	0,95	233	1,54	10
SC-ECO-080-20	80	2,2	0,95	250	1,82	10
SC-ECO-100-20	100	1,85	0,95	400	2,27	10
SC-ECO-125-20	125	1,6	0,95	625	2,82	10
SC-ECO-127-20	127	1,6	0,95	635	2,86	10
SC-ECO-150-20	150	1,5	0,9	800	3,96	10
SC-ECO-152-20	152	1,5	0,9	810	4,22	10
SC-ECO-200-20	200	1,15	0,65	1000	4,74	10
SC-ECO-203-20	203	1,15	0,65	1200	5,26	10
SC-ECO-225-20	225	1	0,55	1400	5,91	10
SC-ECO-250-20	250	0,7	0,45	1600	6,56	10
SC-ECO-254-20	254	0,7	0,45	1625	6,66	10
ECO 2.5						
SC-ECO-038-25	38	3,4	0,81	95	1,05	10
SC-ECO-040-25	40	3,33	0,81	100	1,1	10
SC-ECO-045-25	45	3,14	0,81	113	1,22	10
SC-ECO-050-25	50	3,09	0,81	125	1,35	10
SC-ECO-060-25	60	3,04	0,81	150	1,62	10
SC-ECO-070-25	70	2,85	0,76	175	1,89	10
SC-ECO-075-25	75	2,38	0,76	188	1,95	10
SC-ECO-076-25	76	2,35	0,76	190	1,97	10
SC-ECO-080-25	80	2,09	0,76	200	2,08	10
SC-ECO-090-25	90	1,95	0,67	225	2,34	10
SC-ECO-100-25	100	1,57	0,67	250	2,59	10
SC-ECO-110-25	110	1,42	0,67	275	2,85	10
SC-ECO-120-25	120	1,38	0,62	300	3,1	10
SC-ECO-125-25	125	1,3	0,62	313	3,16	10
SC-ECO-130-25	130	1,23	0,62	325	3,28	10
SC-ECO-140-25	140	1,19	0,52	350	3,53	10
SC-ECO-150-25	150	1,02	0,52	375	3,72	10
SC-ECO-160-25	160	0,95	0,48	400	3,97	10
SC-ECO-180-25	180	0,86	0,48	450	4,19	10
SC-ECO-200-25	200	0,81	0,39	500	4,4	10