

Heat-resistant hoses



ARAMID SI CL (KEVLAR SI CL)

Hose for extraction and transfer of fumes, smoke, gases and dust with high temperatures up to 260°C

Hose material: aramid fibre fabric
silver grey silicone, 0.4 mm thick on the inside, green grey on the outside

Reinforcement: type CLIP external wire spiral
and galvanised sheet steel left-handed

Operating temp: -60°C to +260°C

Lightweight, flexible and flexible hose designed for hot fume, gas, dust extraction, exhaust, cooling air and blowing. Used in all areas of industry for high-temperature applications, especially in mechanical engineering, vehicles, engine equipment, aerospace and military applications. Temperature resistant, flame retardant and very mechanically robust. Characterised by **excellent compressibility**, **very strong** construction resistant to vibration and tension, injury resistance due to the external spiral. Other diameters in the range 50 ÷ 508 mm are available on special request. Hose assembly on couplings with bridge ties (left-handed).

Aramids - a family of polymers - a type of fibre-forming polyamide. Aramid fibres are characterised by very good breaking strength and good thermal resistance. Aramid fibres and fabrics are used for, among other things, bulletproof vests, high-strength laminates. First introduced to the market by DuPont (Kevlar®).

index	internal diameter [mm]	working pressure 23°C [bar]	vacuum 23°C [bar]	bend radius [mm]	mass [kg/m]	standard length [m]
SC-ARAMID-CL-050	50	0,9	0,32	30	0,5	3*
SC-ARAMID-CL-060	60	0,78	0,22	36	0,6	3*
SC-ARAMID-CL-065	65	0,7	0,18	39	0,65	3*
SC-ARAMID-CL-070	70	0,65	0,16	42	0,7	3*
SC-ARAMID-CL-076	76	0,62	0,14	45	0,75	3*
SC-ARAMID-CL-080	80	0,61	0,12	48	0,8	3*
SC-ARAMID-CL-083	83	0,6	0,11	50	0,82	3*
SC-ARAMID-CL-090	90	0,56	0,1	53	0,87	3*
SC-ARAMID-CL-102	102	0,51	0,08	60	0,9	3*
SC-ARAMID-CL-112	112	0,45	0,06	67	0,95	3*
SC-ARAMID-CL-120	120	0,36	0,05	72	1	3*
SC-ARAMID-CL-127	127	0,33	0,05	75	1,02	3*
SC-ARAMID-CL-140	140	0,27	0,04	82	1,15	3*
SC-ARAMID-CL-152	152	0,22	0,04	90	1,25	3*
SC-ARAMID-CL-160	160	0,21	0,03	96	1,28	3*
SC-ARAMID-CL-180	180	0,17	0,02	126	1,48	3*
SC-ARAMID-CL-203	203	0,15	0,02	140	1,65	3*
SC-ARAMID-CL-254	254	0,1	0,01	175	2	3*
SC-ARAMID-CL-305	305	0,07	0,01	210	2,25	3*
SC-ARAMID-CL-350	350	0,06	0,01	245	2,7	3*
SC-ARAMID-CL-407	407	0,04	0,01	320	3,15	3*
SC-ARAMID-CL-508	508	0,04	0,01	400	4,2	3*

* also available in 6 m and 10 m lengths on special request.

