

HILCON L

Hilcon L convoluted tubing is simple to install and is designed for cable bundling and mechanical protection.



Chemical Stabilities (in the direct contact)	
Gasoline's with 23°C	Well steadily
Brake Fluids with 23°C	Well steadily
Antifreeze (+H2O) with 23°C	Well steadily
Cleaning agent with 23°C	Well steadily
Lubricant and fat with 23°C	Well steadily
Acids (strongly diluted)	Moderately steadily
Acids generally	inconsistently

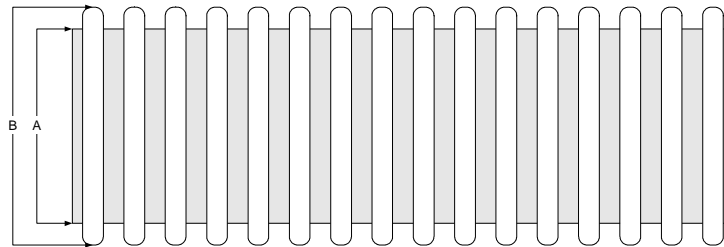
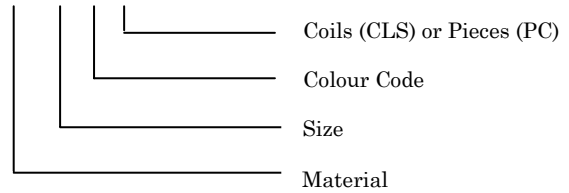
Hilltop Hilcon-L

Corrugated tubes are made of a Polyimide 6, which is modified with a special heat stabilizer, in order to achieve a particularly high heat deflection temperature. Hilcon-L corrugated tubes are both halogeneous-, and cadmium-free and UV steady.

HILCON-L-6-0-CLS

Standard Colours & Colour Codes

0 = Black	8 = Grey



A ID (mm)	B OD (mm)	Ordering Description (Slit)	Ordering Description (Un-Slit)
4.8	7.1	HILCON-LS-6- <i>colour code</i> -CLS	HILCON-L-6- <i>colour code</i> -CLS
6.8	9.9	HILCON-LS-8- <i>colour code</i> -CLS	HILCON-L-8- <i>colour code</i> -CLS
8.5	12.9	HILCON-LS-10- <i>colour code</i> -CLS	HILCON-L-10- <i>colour code</i> -CLS
9.9	13.0	HILCON-LS-12- <i>colour code</i> -CLS	HILCON-L-12- <i>colour code</i> -CLS
12.7	15.8	HILCON-LS-16- <i>colour code</i> -CLS	HILCON-L-16- <i>colour code</i> -CLS
17.0	21.0	HILCON-LS-20- <i>colour code</i> -CLS	HILCON-L-20- <i>colour code</i> -CLS
21.3	25.4	HILCON-LS-25- <i>colour code</i> -CLS	HILCON-L-25- <i>colour code</i> -CLS
23.2	28.3	HILCON-LS-28- <i>colour code</i> -CLS	HILCON-L-28- <i>colour code</i> -CLS
29.0	34.5	HILCON-LS-32- <i>colour code</i> -CLS	HILCON-L-32- <i>colour code</i> -CLS
36.0	42.5	HILCON-LS-40- <i>colour code</i> -CLS	HILCON-L-40- <i>colour code</i> -CLS
47.7	54.5	HILCON-LS-50- <i>colour code</i> -CLS	HILCON-L-50- <i>colour code</i> -CLS

Properties/Technical data

Continuous temperature	-40°C till + 140°C
Brief application temperature	+ 160°C
Density (DIN 53 479)	1,12 till 1,15 g/m³
Moisture absorption	2,5 till 3%
Yield point (DIN 53 455)	40—70 Mpa
Elongation (DIN 53 455)	50—200%
E-Modul (DIN 53 457)	1200—2000 MPa
Dielectric strength (DIN 53 453)	Without break
Tensile impact strength (DIN 53 453)	Without break
In flammability	FMVSS 302 Type B (v<100mm/min) UL

Tolerances for A & B

Nominal size 4,5 till 14	+/- 0,20mm
Nominal size 15 till 29	+/- 0,30mm
Nominal size 32 till 50	+/-0,40mm