

SiHF | Flexible Control Cable | CE Conforming 60°C PVC Jacketed Flexible Harmonized Cable



Application:

SiHF CE Conforming, 180°C, Silicone jacketed, UV and fuel resistant, halogen-free, flexible cordage has been designed for applications that require a high temperature cable. Flexible, SiHF cables are a cost effective, high/low temperature alternative to Teflon cables. These cables are excellent for use in steel mills, saunas, glass-making plants, foundries and pharmaceutical facilities, and can be used on the following types of equipment: frying machines, baking/cooking/food processing equipment, lighting systems, injection molding machinery, extrusion equipment, freezers, refrigeration systems, industrial cleaning machines, sterilizers, medical equipment, incubators and heating/cooling equipment. In addition, Silicone cables are recommended for use in applications where low or high temperatures, or UV light cause other cables to deteriorate.

Technical Information:

Design:	Finely stranded tinned copper conductors; Silicone insulation; Talc; Silicone jacket;
Bend Radius for Installation:	5 x cable diameter while flexing in hot or cold temperature environments
Temperature Rating:	UL/CSA: -60°C to +180°C; up to +200°C for short time intervals
Voltage Rating:	VDE/IEC: 300/500 Volts
Color Code:	Green/Yellow, Black, Blue, Brown
Jacket Colors Available:	Reddish Brown
Approvals:	DIN VDE 0250, section 816/06.82 Conforms to CE Low Voltage Directive

ICS Part No.	Conductors Size	Stranding	App. Diameter inches	Approx. Weight lbs/mft	Cord Specifications
IC-15208	2 x 0.75mm ²	24 x 0.1mm	6.3	36	SiHF
IC-15308	3 x 0.75mm ²	24 x 0.1mm	6.7	43	SiHF
IC-15408	4 x 0.75mm ²	24 x 0.1mm	7.5	56	SiHF
IC-15508	5 x 0.75mm ²	24 x 0.1mm	8.4	68	SiHF
IC-15210	2 x 1.0mm ²	32 x 0.21mm	6.7	40	SiHF
IC-15310	3 x 1.0mm ²	32 x 0.21mm	7.3	53	SiHF
IC-15410	4 x 1.0mm ²	32 x 0.21mm	7.9	64	SiHF
IC-15510	5 x 1.0mm ²	32 x 0.21mm	8.9	79	SiHF
IC-15215	2 x 1.5mm ²	30 x 0.26mm	7.6	55	SiHF
IC-15315	3 x 1.5mm ²	30 x 0.26mm	8.1	66	SiHF
IC-15415	4 x 1.5mm ²	30 x 0.26mm	8.8	82	SiHF
IC-15515	5 x 1.5mm ²	30 x 0.26mm	9.6	100	SiHF
IC-15225	2 x 2.5mm ²	50 x 0.36mm	9.3	91	SiHF
IC-15325	3 x 2.5mm ²	50 x 0.36mm	9.8	102	SiHF
IC-15425	4 x 2.5mm ²	50 x 0.36mm	10.7	127	SiHF
IC-15525	5 x 2.5mm ²	50 x 0.36mm	11.7	154	SiHF

