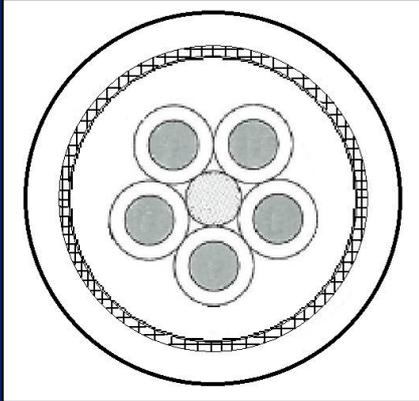


CABLE & WIRE

SIL-SiHF-CU-Si Screened, silicone insulated cable with inner sheath



Highlights

Used as a connection cable for moving equipment with low mechanical stress but high ambient temperatures, e.g. in the steel industry, in plastics processing, measurement and control technology, etc. But also for use in cold areas, e.g. in air conditioning. The halogen-free silicone outer sheath is flame-resistant, UV-resistant and partially resistant to oils and fuels. The high screen density ensures interference-free signal transmission. For indoor and outdoor use.

Construction

Conductor:	tin plated copper strands acc. IEC 60228 cl. 5
Core insulation:	silicone EI2 acc. to EN50363-1
Core identification:	acc. DIN VDE 0293
Inner sheath insulation:	silicone M9 acc. to EN50363-2-1
Screen:	Tinned copper braid
Outer sheath	Silicone M9 acc. to EN50363-2-1
Sheath colour:	red-brown

Technical data

Nominal voltage:	U ₀ /U: 300V/500V
Test voltage:	2.000 V
Temperature range:	fixed installation: -50 °C up to +180 °C flexible application: -25 °C up to +180 °C short term: up to +200 °C
Minimum bending radius:	fixed installation: 5 x d flexible application: 10 x d
Halogen-free:	acc. IEC 60754-1
Corrosiveness of combustion gases:	no emission of corrosive combustion gases

Packaging

Drums or coils, also in cut lengths

Created by: PK/NH 03042020

We reserve the right to make product changes.

**RELIABLE, FLEXIBLE,
CUSTOMER-ORIENTED**

HEINRICH THULESIUS GMBH & CO. KG
Zum Panrepel 15, D-28307 Bremen, GERMANY



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www.thulesius.de

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Dimension

No. of cores	Cross section mm ²
3	0.50 - 0.75
4	0.50 - 6.00
5	0.50 - 6.00
7	0.50 - 2.50
12	0.50 - 1.50
18	0.50 - 1.50
25	0.50 - 1.50

Further dimensions available on request.
The most usual dimensions are available from stock.

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