High Temperature Silicone Cable SIAF/GL Flexible Single Core Cable - 0.5mm² to 300mm²



Description

High temperature single core silicone cable with fibre glass outer sheath. SIAF cables are heat resistant up to 180°C and can also be installed at temperatures as low as -60°C. These cables are low smoke zero halogen, organically inert, flame retardant providing excellent weather resistance. SIAF cable are suitable for both internal and external installations and are often used in power plants, as well as a wide range of in food and medical applications in processing, packaging, refrigeration. They are heavily used the oil and gas sectors onshore and offshore.

Key Features

Voltage Rating
Up to 6mm² : 300/500V
10mm² and above: 0.6/1kV, when protected

Minimum Bending Radius
4 x Overall Diameter

Temperature Limits
Temperature Range: -60°C to +180°C

Core Colours

Available in: Green Yellow | Black | Blue | Brown | white | Yellow | Grey | Red | Violet | Pink | Orange

Standards

- BS EN/IEC 60228
- BS EN 50525-2-41

Construction

- **Conductor**: Class 5 Flexible Tinned Copper
- **Insulation**: Silicone Rubber
- **Outer Sheath**: Fibre Glass Braid

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory
31196

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

CLEVELAND CABLE COMPANY

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

High Temperature Silicone Cable SIAF/GL Flexible Single Core Cable - 0.5mm² to 300mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Insulation Thickness (mm)	Minimum Bending Radius	Overall Diameter(mm)	Weight(Kg/Km)
SIAFGL1X0.5	0.5	1	0.55	9.0	2.2	12..0
SIAFGL1X0.75	0.75	1	0.55	10.0	2.4	15
SIAFGL1X1	1	1	0.55	11.0	2.6	18
SIAFGL1X1.5	1.5	1	0.55	12.0	2.8	22
SIAFGL1X2.5	2.5	1	0.55	14.0	3.5	38
SIAFGL1X4	4	1	0.6	18.0	4.5	55
SIAFGL1X6	6	1	0.8	20.0	5.0	75
SIAFGL1X10	10	1	1.0	26.0	6.5	115
SIAFGL1X25	25	1	1.2	36.0	9.0	260
SIAFGL1X35	35	1	1.3	40.0	10.0	355
SIAFGL1X50	50	1	1.4	48.0	12.0	510
SIAFGL1X70	70	1	1.5	56.0	14.0	730
SIAFGL1X95	95	1	1.6	64	16	930
SIAFGL1X120	120	1	1.8	70	17.5	1200
SIAFGL1X150	150	1	2.0	80	20	1475
SIAFGL1X185	185	1	2.2	88.0	22.0	1815
SIAFGL1X240	240	1	2.4	98.0	24.5	2390
SIAFGL1X300	300	1	2.6	110	27.5	3035

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