

## Single Core Silicone High Temp Cable Zero Halogen 180°C 0.6/1kV

Single Core Silicone  
 Insulated Flexible  
 180°C, 0.6/1kV



### Cable Construction

- Conductors:**  
Extra fine tinned copper to Class 5 international standards to ensure maximum flexibility.
- Insulation:**  
Specially formulated insulation of silicone rubber allows operating conductor temperature of 180°C, while maintaining flexibility.
- Flame retardant, Zero Halogen and UV stabilized.

### Temperature Range

-60 to +180°C static

### Rated Voltage

0.6 - 1kV(450V - 750V VDE)

### Relevant Standards

AS 5000.1

### Maximum Conductor Temperature

180°C

### Bending Radius

5 times diameter of cable

### Typical Uses

Switchboards, Appliance wiring, stoves, ovens, public transport - railways etc, automotive and marine wiring.

The materials used in the manufacture of these cables are RoHS Compliant.

### Available Colour

#### 0.75mm<sup>2</sup>

Red, White, Blue, Black, Green/Yellow

#### 1.0mm<sup>2</sup>

Red, White, Blue, Black, Green/Yellow, Brown, Grey

#### 1.5mm<sup>2</sup>

Red, White, Blue, Black, Green/Yellow, Brown, Grey

#### 2.5mm<sup>2</sup>&4mm<sup>2</sup>

Red, Blue, Black, Green/Yellow

#### 6.0mm<sup>2</sup>

Red, Black, Green/Yellow

#### 10mm<sup>2</sup> to 25mm<sup>2</sup>

Red, Black

## TECHNICAL DATA

Part Number	Size mm <sup>2</sup>	Nom. Stranding No./mm	Nom. Amps 40°C Spaced	Insulation Thickness mm	Nom. O.D. mm	Approx. Cable Weight Kg/Km
SIAF0.75	0.75	24/0.20	24	0.6	2.4	13.3
SIAF1.0	1.0	32/0.20	28	0.6	2.5	15.9
SIAF1.5	1.5	30/0.25	37	0.6	2.8	21.9
SIAF2.5	2.5	50/0.25	50	0.7	3.4	34.7
SIAF4.0	4.0	56/0.30	67	0.8	4.2	54.4
SIAF6.0	6.0	84/0.30	87	0.8	5.2	82.3
SIAF10	10	84/0.40	120	1.0	6.4	131.9
SIAF16	16	126/0.40	165	1.2	8.0	209.1
SIAF25	25	196/0.40	215	1.4	10.0	326.7

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