

High Temperature

Silicone Insulated 150°C - 200°C

APPLICATION

Food heating and cooling equipment elements and refrigeration, any industrial application requiring extreme temperature range equipment.

CONSTRUCTION - CONDUCTOR INSULATION COLOURS

Tinned annealed copper wire.

Silicone Rubber.

Single Core – Blue, black, green, grey, orange, purple, pink, red, white and yellow.

3 Core – Blue, brown and green, black outer sheath.

NOTE: Not all sizes and colours available ex-stock, minimum order quantities may apply.

TEMPERATURE

Single Core $\leq 4\text{mm}^2$ -60°C to +200°C.

Single Core $> 4\text{mm}^2$ -60°C to +150°C.

Multi-core -60°C to +150°C.

VOLTAGE

0.6/1kV.

STANDARDS

AS3191.

SINGLE CORE

| BAMBACH NUMBER | NOMINAL AREA mm ² | STRANDING No. of Strands/mm | NOMINAL DIAMETER mm | BENDING RADIUS mm | CURRENT RATING Amps | WEIGHT Kg/m |
|----------------|------------------------------|-----------------------------|---------------------|-------------------|---------------------|-------------|
| 10685A | 0.50 | 16/0.20 | 2.7 | 16.2 | 19 | 0.09 |
| 13005A | 0.75 | 24/0.20 | 2.8 | 16.8 | 24 | 0.012 |
| 15105A | 1.0 | 32/0.20 | 3.0 | 18.0 | 28 | 0.014 |
| 17025A | 1.5 | 30/0.25 | 3.3 | 19.8 | 37 | 0.019 |
| 18765A | 2.5 | 50/0.25 | 4.0 | 24.0 | 50 | 0.032 |
| 20285A | 4.0 | 56/0.30 | 4.7 | 28.2 | 67 | 0.044 |
| 21640A | 6.0 | 84/0.30 | 6.1 | 36.6 | 87 | 0.072 |
| 22880A | 10 | 140/0.30 | 8.2 | 49.2 | 120 | 0.119 |
| 23960A | 16 | 224/0.30 | 9.4 | 56.4 | 165 | 0.189 |
| 24980A | 25 | 360/0.30 | 11.0 | 66.0 | 215 | 0.289 |

MULTI CORE 150°C

| BAMBACH NUMBER | No. Of CORES x NOMINAL AREA mm ² | STRANDING No. of Strands/mm | NOMINAL DIAMETER mm | BENDING RADIUS mm | CURRENT RATING Amps | WEIGHT Kg/m |
|----------------|---|-----------------------------|---------------------|-------------------|---------------------|-------------|
| 25760A | 3 CORE x 0.75 | 24/0.20 | 8.0 | 48.0 | 20 | 0.08 |
| 25980A | 3 CORE x 1.0 | 32/0.20 | 9.0 | 54.0 | 24 | 0.11 |
| 26980A | 3 CORE x 1.5 | 30/0.25 | 10.0 | 60.0 | 31 | 0.13 |
| 27015A | 3 CORE x 2.5 | 50/0.25 | 12.0 | 72.0 | 43 | 0.18 |