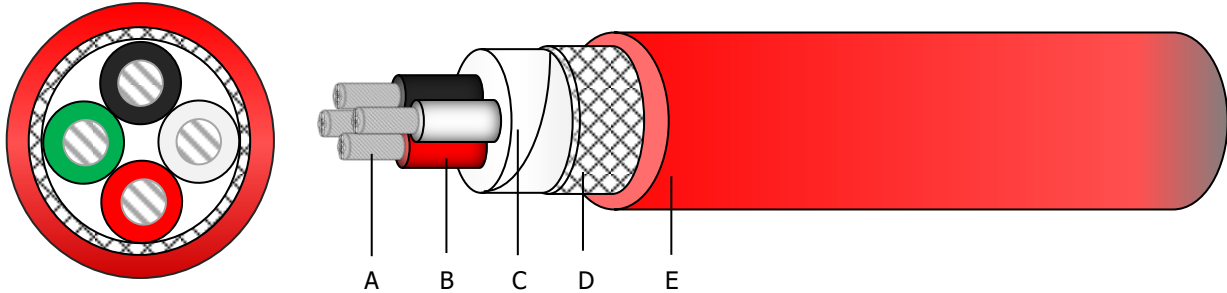


## HEAT RESISTANCE CABLE

## **THOMFLEX-SIL(MC) NC51YC2G**



### APPLICATION / CHARACTERISTICS

- Rated for use up to 180°C and can handle rapid increases in heat.
- Metal industry, glassworks, Steel mills, Commercial baking equipment, Furnaces, Ovens, Welding sets, Lighting, Thermoplastics and rubber machines, floodlights, etc.

### CABLE STANDARDS

Reference standard : EN 50525-1



### CONSTRUCTION

A) Conductor	Nickel pated copper wires
B) Insulation	PFA
Core Identification	Black, White, Red, Green
C) Assembly	Required cores shall be assembled with suitable tape
D) Shield	Tinned copper wire braiding
E) Sheath	Silicone rubber
Sheath Colour	Red brick

### TECHNICAL DATA

Rated voltage	300/500V
Test voltage	2,000V/5min.
Min. bending radius	15 x D
Temperature range	-60°C ~ 180°C (Up to 200°C)
Flame retardant	IEC 60332-1-2

No. of cores x cross-sectional area (No. x mm <sup>2</sup> )	Diameter of cable Nom. (mm)	Copper weight Approx. (kg/km)	Cable weight Approx. (kg/km)	Conductor resistance at 20°C (Ω/km)
4 x 1.5	8.9	78.0	151.0	13.7

Other dimensions and colours are possible on request