# TGGTG CABLES

TGGTG Power Cable - Flexible Premium High Temperature Cable, Temp Rating 250°C, 600V

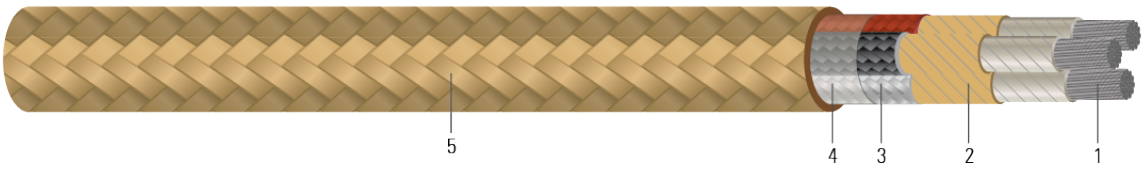



Image not to scale. See Table 1 for dimensions.

## CONSTRUCTION:

1. **Conductor:** Flexible stranded nickel plated, annealed copper
2. **Insulation:** PTFE Fluoropolymer tapes covered by wrapped fiberglass yarn
3. **Braid:** Fiberglass braid jacket is applied over the insulation
4. **Cabling:** Conductors are cabled with a left hand lay and bound with a polyester tape
5. **Jacket:** Fiberglass braid jacket is applied over the insulation, then treated with a high temperature saturant

## APPLICATIONS AND FEATURES:

Used in wiring equipment.

Excellent flame resistance, good weathering, sunlight, ozone, and corona resistance, and good flexibility without cold flow. Also available in Power and Instrumentation Cables.

## SPECIFICATIONS:

- RoHS-3 Complies with European Directive 2015/863

### Table 1 – Weights and Measurements

| Stock Number | Cond. Size | Cond. Number | Approx. OD | Approx. Weight | Temp. Rating | Standard (UL or other) |
|---|---|---|---|---|---|---|
| | AWG/Kcmil | No. | inch | lb/1000ft | °C | Style/Type |
| C53430 | 12 | 12 | 0.680 | 393 | 250 | UL |

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item

### Table 2 – Weights and Measurements (Metric)

| Stock Number | Cond. Size | Cond. Number | Approx. OD | Approx. Weight | Temp. Rating | Standard (UL or other) |
|---|---|---|---|---|---|---|
| | AWG/Kcmil | No. | mm | kg/km | °C | Style/Type |
| C53430 | 12 | 12 | 17.27 | 585 | 250 | UL |