

Power Cable

Thermo-Trex® Soaking Pit Cable

Thermo-Trex® Soaking Pit Cable is a heat-resistant cable for power applications that can withstand a maximum conductor temperature of 200°C / 392°F.

With its braided stainless steel outer jacket, this multi-conductor power cable is suited for environments where hot material contact, molten splash, and extreme mechanical abuse are common.



Ratings

600V

Max Conductor Temperature 200°C

Performance Characteristics

✓ Bend Radius (Static): 8x Cable O.D. ✓ Bend Radius (Dynamic): 10x Cable O.D.

Engineered to Resist



Abrasion



Impact



High Temperature



Tension

Features & Benefits

Tinned Copper Conductors

Tinned conductors resist corrosion and are easier to solder.

Silicone Rubber Insulation

Provides resistance to heat, moisture, and chemicals.

Fiberglass Braid Over Each Conductor

Provides abrasion and heat resistance as well as conductor identification.

Non-Flammable Fiberglass Wrap Tape

Improves performance in flexing and overhead applications and provides an additional layer of moisture and thermal resistance in extreme temperatures.

Braided Aramid K-Fiber Inner Jacket

Provides moisture, flame, heat, and abrasion resistance.

Braided Stainless Steel Outer Jacket

95% coverage for the best protection against abrasion and mechanical abuse.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your TPC sales representative

| Part No. | Configuration AWG/Cond | Ampacity* | Nominal O.D. (in) | W.T. (lbs) Per 1,000 ft. | Standard Cable Gland** |
|----------|---------------------------|-----------|----------------------|-----------------------------|---------------------------|
| 41175 | 6/4 | 110 | 0.984 | 736 | 55010 |
| 41178 | 4/2 | 186 | 0.905 | 529 | 55010 |
| 41180 | 4/4 | 148 | 1.020 | 850 | 55012 |



Notes

*Ampacity based on ambient temperature of 40°C and conductor temperature of 200°C per IEEE Std. 835 Standard Power Cable Ampacity Table

**Grip-Seals® Aluminum straight cable gland part number listed. Sizing based on nominal cable O.D. Due to process tolerances, a smaller/larger gland size may be required. Confirm NPT Fitting Size matches application.