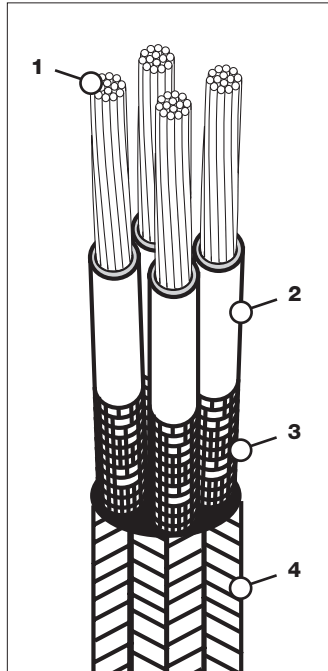


# Thermo-Trex® 850 Cable

- Max Conductor Temp 250°C (482°F)
- UL Recognized
- CSA
- 600 V
- RoHS Compliant
- Cold Temperature Rating -65°C

Thermo-Trex® is the source for a high temperature resistant cable available in many configurations that offers gauge sizes for power or control applications. Flexibility is achieved by using finely stranded, nickel-plated copper conductors and a specially woven glass-braid jacket impregnated with abrasion resistant finishing compounds. High heat resistance allows the Thermo-Trex® 850 to withstand continuous temperatures up to 500°F.



## FEATURES & BENEFITS

### 1. 2% NICKEL-PLATED COPPER, #30 AWG

**FLEXIBLE STRANDING** — Increased flexibility, improved signal quality.

### 2. FLUOROPOLYMER VAPOR BARRIER INSULATION

— Provides high resistance to chemicals and corrosives.

**3. CERAMIC WRAP** — Acts as a heat barrier to protect the insulation and provide optimum performance.

**4. SPECIALLY WOVEN GLASS-BRAID JACKET, IMPREGNATED WITH FLUOROPOLYMER FINISHING COMPOUNDS** — Provides first-line defense against abrasion and high heat.

## APPLICATIONS

- Conveyors
- Pumps
- Furnaces
- Motor Operated Valves
- Emergency Isolation Valves
- Kiln Fans
- Flare Stacks
- Control Panels
- Crane Hoist

## CONDUCTOR IDENTIFICATION

Stove Pipe Printing: 1 – One, 2 – Two, 3 – Three

## ORDERING INFORMATION (MINIMUM PURCHASE MAY BE REQUIRED IF PRODUCT NOT STOCKED)

PART NO.	CONDUCTOR SIZE (AWG)	CONDUCTOR STRANDING	AMPACITY <sup>1</sup>	NOMINAL O.D. (IN)	WT. (LBS) PER 1000'
41062	18	16/30	30	0.110	13
41065	16	26/30	40	0.120	18
41068	14	41/30	55	0.140	24
41071	12	65/30	72	0.160	34
41074	10	105/30	97	0.185	51
41084	16/4	26/30	31	0.332	84
41087	16/12	26/30	10	0.566	224
41089	12/4	65/30	60	0.423	158

NOTE: (1) Ampacity is based on 40°C ambient 250°C conductor temperature per the IEEE Standard Power Cable Ampacity Table.

**Choosing the right product for high-heat environments reduces unnecessary replacements and avoids downtime. Use the chart on page 10 to make the best choice for your high temperature environment. If you have any questions, please contact your sales representative or call us at 800-521-7935.**