



## Thermo-Trex® Soaking Pit Cable

- Operating Temperature Range Up To 200°C (392°F)
- 600 Volt

TPC's High Temperature Soaking Pit Cable is constructed for use in high temperature applications as a multi-conductor power and control cable. Especially suited to environments with hot material contact, molten splash and mechanical abuse. Widely used in steel plants for slag and teeming ladle car cables and overhead crane cable. Engineered to provide long service life under extreme heat and flexing applications in harsh, abrasive environments.

### FEATURES & BENEFITS

- 1. CONDUCTORS** – Tinned copper for improved flexibility.
- 2. INSULATION** – Heat and moisture resistant silicone rubber with fiberglass braid over each conductor provides abrasion and heat resistance and conductor identification.
- 3. 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, extending cable life.

- 4. INNER BRAID JACKET OF ARAMID K-FIBERS** – Provides moisture, flame, heat and abrasion resistance.
- 5. BRAIDED STAINLESS STEEL OUTER JACKET** – 95% coverage for the best protection against abrasion and mechanical abuse.

### APPLICATIONS

- Steel Processing / Steel Mills
- Slag cars
- Teeming Ladle Cars
- Cranes
- Soaking Pits
- Transfer Cars
- Mud Guns
- Scrap Charging Machines
- Glass Plants
- Aluminum Mills

### ENVIRONMENTS

- Abrasion
- Extreme Temp.
- Impact
- Flexing
- Tension

### ORDERING INFORMATION *(Call for pricing & availability)*

PART NO.	COND. SIZE (AWG)	COND STRANDING	SILICONE THICKNESS	ARAMID BRAID THICKNESS	STAINLESS STEEL BRAID THICKNESS	AMPACITY	NOMINAL O.D.	WEIGHT (LBS) /1000 FT
41175	6/4	0.157" x 129 strands	.051"	.059"	.044"	110	.984	736

*Note: Ampacity based on ambient temperature of 40°C and conductor temperature of 200°C per NEC 2014, Table 3.10.15(B)(18).*



TPC WIRE & CABLE CORP.  
EXPECT HIGH PERFORMANCE®

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