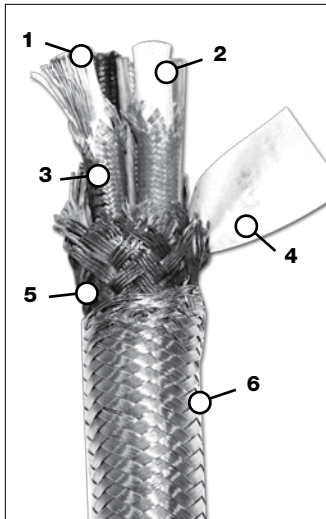


Thermo-Trex® Soaking Pit Cable

- Max Conductor Temp 200°C (392°F)
- 600 Volt
- Stainless Steel Braid

TPC's High Temperature Soaking Pit Cable is constructed for use in high temperature applications as a multi-conductor power 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
- 3. FIBERGLASS BRAID OVER EACH CONDUCTOR** – Provides abrasion and heat resistance and conductor identification.
- 4. 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.

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

ICEA METHOD 1, TABLE E-1		
COND. #	BASE COLOR	TRACER
1	Black	—
2	White	—
3	Red	—
4	Green	—
5	Orange	—
6	Blue	—
7	White	Black
8	Red	Black
9	Green	Black
10	Orange	Black
11	Blue	Black
12	Black	White

APPLICATIONS

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

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

PART NO.	COND. SIZE (AWG)	CONDUCTOR STRANDING	SILICONE THICKNESS	ARAMID BRAID THICKNESS	STAINLESS STEEL BRAID THICKNESS	AMPACITY	NOMINAL O.D.	WEIGHT (LBS) /1000 FT
41175	6/4	0.0157" x 129 strands	.051"	.059"	.044"	110	.984	736
41178	4/2	0.0157" x 175 strands	.055"	.078"	.044"	125	.905	529
41180	4/4	0.0157" x 175 strands	.055"	.078"	.044"	125	1.02	850

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