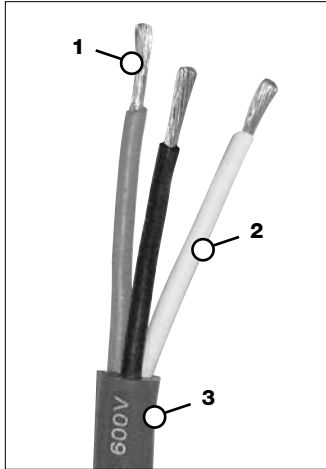


# Thermo-Trex® 500-Plus Silicone Cable

- UL Recognized
- RoHS Compliant
- Max Conductor Temperature 200°C
- Low Smoke Zero Halogen
- CSA
- 600 V
- FT-2 Flame Rating
- Cold Temperature Rating -40°C

Thermo-Trex® 500-Plus Silicone Cable is designed with a tear resistant silicone jacket and rated at a conductor temperature of 200°C (392°F). It is an ideal choice for applications exposed to high temperatures, UV light and mechanical abuse. This is a low smoke zero halogen (LSZH) product.



## FEATURES & BENEFITS

### 1. FINELY STRANDED TINNED COPPER CONDUCTORS

— Finely stranded tinned copper conductors improve flexibility and extends conductor life.

### 2. SILICONE INSULATION ON INDIVIDUAL CONDUCTORS

— Silicone based elastomer insulation on individual conductors offers superior resistance to oil and abrasion. This insulation is extremely flexible and offers low smoke density and is halogen free.

### 3. TEAR RESISTANT SILICONE JACKET

— The tear-resistant silicone jacket provides excellent protection against abrasion, mechanical abuse and is resistant to oils. It offers outstanding resistance to high temperatures, and remains flexible down to -40°C. The jacket material is low smoke/halogen-free.



**ADD 500-PLUS SILICONE QUICK-CONNECTS™ TO COMPLETE YOUR ORDER!** See page 115.

CONDUCTOR COLOR CODE	
1	White
2	Black
3	Green
4	Red
5	Orange

## APPLICATIONS

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

## 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'
41462	16/2	7/24	29	0.294	47
41463	16/3	7/24	29	0.309	57
41464	16/4	7/24	29	0.336	74
41465	16/5	7/24	23	0.365	85
41467	16/7	7/24	23	0.396	111
41423	12/3	19/26	55	0.417	124
41424	12/4	19/26	55	0.456	159
41414	10/4	19/20	74	0.531	215

NOTE: (1) Calculations are based on 40°C ambient temperature, 200°C conductor temperature, single cable installed in free air.

**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.**

Portable Cords  
 Power Cables (600 Volt to 35 kV)  
 Welding Cables  
 VFD/Servo Motor Cables  
 Reeling Cables  
 Control Cables/Instrumentation  
 Bus Cables  
 Flat Festoon Cables  
 Retractable Coil Cables  
 Chemical & Temp. Resistant Cables  
 High Temperature Cables  
 Igniter Cables  
 Thermocouple Extension Wires  
 Engineered Custom Cables