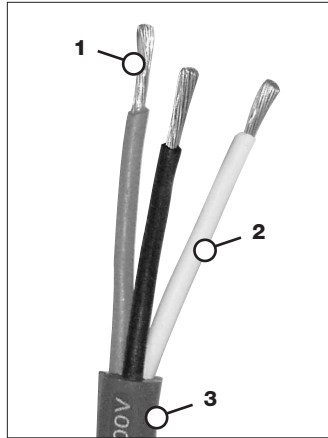


Thermo-Trex® 500-Plus Silicone Cable

- 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 120.



CONDUCTOR COLOR CODE							
1	White	6	Blue	11	Blue w/ black tracer	16	Black w/ red tracer
2	Black	7	White w/ black tracer	12	Black w/ white tracer	—	—
3	Green	8	Red w/ black tracer	13	Red w/ white tracer	—	—
4	Red	9	Green w/ black tracer	14	Green w/ white tracer	—	—
5	Orange	10	Orange w/ black tracer	15	Blue w/ white tracer	—	—

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 ¹	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
41469	16/16	7/24	14	0.685	290
41443	14/3	7/24	40	0.374	85
41423	12/3	19/26	55	0.411	119
41424	12/4	19/26	55	0.448	154
41414	10/4	19/20	74	0.527	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 Treston Cables
Retractable Coil Cables
Chemical & Temp. Resistant Cables
High Temperature Cables
Igniter Cables
Thermocouple Extension Wires
Engineered Custom Cables