

**Part Number: T1X-PFXX-30G-XFT**

Effective Date 7/13/2022

**Product Description:** Type T High Accuracy SLE Thermocouple Grade Wire 30 Gage Solid with PFA Insulation and ANSI Color.

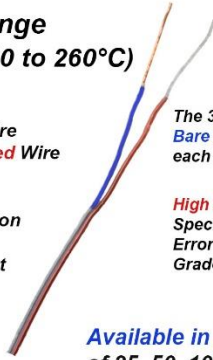
**Type T Thermocouple Wire**  
**30 Gage Fine Diameter Wire with PFA Insulation (Plastic Fluoropolymer)**

**Temperature Range**  
**-328 to 500°F (-200 to 260°C)**

ANSI Color Coded  
Copper Positive **Blue** Wire  
Constantan Negative **Red** Wire  
Clear Overall Jacket

.003" Thick PFA Insulation  
on single wires and  
.003" Overall PFA Jacket

Overall Insulated  
Jacket Diameter  
.022" x .038"



The 30 AWG Gage  
Bare Wires are  
each .010" diameter

High Accuracy  
Special Limits of  
Error Thermocouple  
Grade Wire

Available in Lengths  
of 25, 50, 100, 200, 500  
and 1000 ft.

**Part Number: T1X-PFXX-30G-1000FT**  
**Thermocouple Wire ID# 969103-055A**

Temperature Reference		Deviation from Reference	
°F	°C	°F	°C
200	93.33	0.15	0.27
400	204.44	0.20	0.36
500	260.00	0.10	0.18

**Evolution Sensors and Controls**

Thermocouple Type	T Calibration (+ Copper and – Constantan)
Thermocouple Accuracy Grade	High Accuracy SLE (Special Limits of Error) Thermocouple Grade Wire
Bare Wire Diameter	0.010" or (0.25 mm) Solid Wire
Insulation Material	PFA on single wires and overall jacket
Insulated Wire Temperature Range	-380 to 500°F (-200 to 260°C)
Insulated Wire Construction and Dimensions	A parallel design with a .003" insulation thickness on single wire and jacket. Overall insulated jacket is .022" x .038"
Wire Length	25, 50, 100, 200, 500, or 1000 ft
Color Coding	ANSI (+ Positive Blue Wire – Negative Red Wire with Clear Overall Jacket)
RoHS Status	Compliant to RoHS 2 and 3 directives