

Single Strand PFA Insulated Fine Gage Thermocouple Wire

Stranded
Version Available
from Stock

TF Series
15 m (50') Spool



ANSI
color
code
shown

0.076 mm (0.003")
PFA wall for sizes
0.25 mm (0.010")
and smaller wire.
0.2 mm (0.008") wall
for larger sizes.



Order
Matching Pairs!
Two, 15 m (50')
Spools



Shown smaller than actual size.

NEWPORT's thin-
wall covering
process
guarantees
continuous lengths
up to 300 m (1000')

- ✓ Solid and Stranded
- ✓ Extruded PFA
- ✓ Color Coded
- ✓ Excellent in a Vacuum
- ✓ Non-Flammable
- ✓ Available in 15 m (50') and 30 m (100') Spools for Convenient Small Quantity Needs

Spool Sizes

15 m (50')
30 m (100')
152.5 m (500')
305 m (1000')

Discount Schedule

1 to 10 spools	Net
11 to 24 spools	10%
25 to 49 spools	15%
50 spools and up	25%

Note: Published prices are based on market value at time of printing and are subject to change due to Nickel surcharges, Chromium and precious-metal market fluctuations.

PFA Insulated Single Strand

To Order Visit newportUS.com/TFIR_CI for Pricing and Details

	Alloy/ANSI Color Code	Nominal Wire Dia. mm (inch)	Model No.		Alloy/ANSI Color Code	Wire Dia. mm (inch)	Model No.
J	Iron/White	0.08 (0.003)	TFIR-003-(*)	E	CHROMEQA®/Purple	0.08 (0.003)	TFCH-003-(*)
		0.13 (0.005)	TFIR-005-(*)			0.13 (0.005)	TFCH-005-(*)
		0.25 (0.010)	TFIR-010-(*)			0.25 (0.010)	TFCH-010-(*)
		0.38 (0.015)	TFIR-015-(*)			0.38 (0.015)	TFCH-015-(*)
		0.51 (0.020)	TFIR-020-(*)			0.51 (0.020)	TFCH-020-(*)
	Constantan†/Red	0.81 (0.032)	TFIR-032-(*)		Constantan†/Red	0.81 (0.032)	TFCH-032-(*)
		0.08 (0.003)	TFCI-003-(*)			0.08 (0.003)	TFCC-003-(*)
		0.13 (0.005)	TFCI-005-(*)			0.13 (0.005)	TFCC-005-(*)
		0.25 (0.010)	TFCI-010-(*)			0.25 (0.010)	TFCC-010-(*)
		0.38 (0.015)	TFCI-015-(*)			0.38 (0.015)	TFCC-015-(*)
T	Copper/Blue	0.51 (0.020)	TFCI-020-(*)		CHROMEQA®/Yellow	0.51 (0.020)	TFCC-020-(*)
		0.81 (0.032)	TFCI-032-(*)			0.81 (0.032)	TFCC-032-(*)
	Constantan†/Red	0.08 (0.003)	TFCP-003-(*)	K	ALOMEGA®/Red	0.08 (0.003)	TFCY-003-(*)
		0.13 (0.005)	TFCP-005-(*)			0.13 (0.005)	TFCY-005-(*)
		0.25 (0.010)	TFCP-010-(*)			0.25 (0.010)	TFCY-010-(*)
		0.38 (0.015)	TFCP-015-(*)			0.38 (0.015)	TFCY-015-(*)
		0.51 (0.020)	TFCP-020-(*)			0.51 (0.020)	TFCY-020-(*)
	Constantan†/Red	0.81 (0.032)	TFCP-032-(*)			0.81 (0.032)	TFCY-032-(*)
		0.08 (0.003)	TFCC-003-(*)		ALOMEGA®/Red	0.08 (0.003)	TFAL-003-(*)
		0.13 (0.005)	TFCC-005-(*)			0.13 (0.005)	TFAL-005-(*)
		0.25 (0.010)	TFCC-010-(*)			0.25 (0.010)	TFAL-010-(*)
		0.38 (0.015)	TFCC-015-(*)			0.38 (0.015)	TFAL-015-(*)
		0.51 (0.020)	TFCC-020-(*)			0.51 (0.020)	TFAL-020-(*)
		0.81 (0.032)	TFCC-032-(*)			0.81 (0.032)	TFAL-032-(*)

†Constantan is matched to either iron, copper or CHROMEQA®. When ordering "matched pairs," be sure to specify TFCI with TFIR, TFCC with TFCP, or TFCC with TFCH.

* Insert standard length 50, 100, 500 or 1000.

Ordering Example: TFCY-003-100, 100' spool of yellow 0.003" Dia. CHROMEQA® wire, and matching TFAL-003-100, 100' spool of red 0.003 ALOMEGA® wire.

TFAL-020S-100, 100' spool of red 24 stranded alomega PFA insulated wire.

PFA Insulated CHROMEQA®Gold-0.07 Atomic% Fe Thermocouples

Model Number	Dia. mm (inch)
TFAU.07FE-003-TC-12	0.076 (0.003)
TFAU.07FE-005-TC-12	0.13 (0.005)
TFAU.07FE-010-TC-12	0.25 (0.010)