

Single Strand PFA Insulated Fine Gage Thermocouple Wire

Stranded
Version Available
from Stock

TF Series
15 m (50') Spool



ANSI color code shown
To order IEC color code visit omega.com

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.

OMEGA'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 spools10%
25 to 49 spools15%
50 spools and up25%

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 omega.com/tfir_ch_ci_cc_cy_al 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-(*)		
	0.81 (0.032)	TFIR-032-(*)		0.81 (0.032)	TFCH-032-(*)		
	J Constantan†/Red	0.08 (0.003)		TFCI-003-(*)	E Constantan†/Red	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-(*)
0.51 (0.020)		TFCI-020-(*)	0.51 (0.020)	TFCC-020-(*)			
0.81 (0.032)		TFCI-032-(*)	0.81 (0.032)	TFCC-032-(*)			
T Copper/Blue	0.08 (0.003)	TFCP-003-(*)	K CHROMEQA®/Yellow	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-(*)		
	0.81 (0.032)	TFCP-032-(*)		0.81 (0.032)	TFCY-032-(*)		
	T Constantan†/Red	0.08 (0.003)		TFCC-003-(*)	K 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)

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