Single Wire PFA Insulated
Fine Gage Thermocouple Wire

TF Series

Solid and Stranded versions

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.

Shown smaller than actual size.

PFA Insulated Single Wire

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 Spools for Convenient Small Quantity Needs

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

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

To Order *Visit omega.com/tfir_ch_ci_cc_cy_al for Pricing and Details*

Alloy/ANSI Color Code		AWG	Nominal Wire Dia. mm (inch)	Model No.	Alloy/ANSI Color Code	AWG	Wire Dia. mm (inch)	Model No.
J	Iron/ White	40	0.08 (0.003)	TFIR-003-(*)	CHROMEGA®/ Purple	40	0.08 (0.003)	TFCH-003-(*)
		36	0.13 (0.005)	TFIR-005-(*)		36	0.13 (0.005)	TFCH-005-(*)
		30	0.25 (0.010)	TFIR-010-(*)		30	0.25 (0.010)	TFCH-010-(*)
		26	0.38 (0.015)	TFIR-015-(*)		26	0.38 (0.015)	TFCH-015-(*)
		24	0.51 (0.020)	TFIR-020-(*)		24	0.51 (0.020)	TFCH-020-(*)
		24S	7x32 AWG	TFIR-24S-(*)		24S	7x32 AWG	TFCH-24S-(*)
		20	0.81 (0.032)	TFIR-032-(*)		20	0.81 (0.032)	TFCH-032-(*)
		20S	7x28 AWG	TFIR-20S-(*)	**E**			
	Constantan†/ Red	40	0.08 (0.003)	TFCI-003-(*)	Constantan†/ Red	40	0.08 (0.003)	TFCC-003-(*)
		36	0.13 (0.005)	TFCI-005-(*)		36	0.13 (0.005)	TFCC-005-(*)
		30	0.25 (0.010)	TFCI-010-(*)		30	0.25 (0.010)	TFCC-010-(*)
		26	0.38 (0.015)	TFCI-015-(*)		26	0.38 (0.015)	TFCC-015-(*)
		24	0.51 (0.020)	TFCI-020-(*)		24	0.51 (0.020)	TFCC-020-(*)
		24S	7x32 AWG	TFCI-24S-(*)		24S	7x32 AWG	TFCC-24S-(*)
		20	0.81 (0.032)	TFCI-032-(*)		20	0.81 (0.032)	TFCC-032-(*)
		20S	7x28 AWG	TFCI-20S-(*)	CHROMEGA®/ Yellow	40	0.08 (0.003)	TFCY-003-(*)
T	Copper/ Blue	40	0.08 (0.003)	TFCP-003-(*)		36	0.13 (0.005)	TFCY-005-(*)
		36	0.13 (0.005)	TFCP-005-(*)		30	0.25 (0.010)	TFCY-010-(*)
		30	0.25 (0.010)	TFCP-010-(*)		26	0.38 (0.015)	TFCY-015-(*)
		26	0.38 (0.015)	TFCP-015-(*)		24	0.51 (0.020)	TFCY-020-(*)
		24	0.51 (0.020)	TFCP-020-(*)		24S	7x32 AWG	TFCY-24S-(*)
		24S	7x32 AWG	TFCP-24S-(*)		20	0.81 (0.032)	TFCY-032-(*)
		20	0.81 (0.032)	TFCP-032-(*)	**K**	20S	7x28 AWG	TFCY-20S-(*)
	Constantan†/ Red	40	0.08 (0.003)	TFCC-003-(*)	ALOMEGA®/ Red	40	0.08 (0.003)	TFAL-003-(*)
		36	0.13 (0.005)	TFCC-005-(*)		36	0.13 (0.005)	TFAL-005-(*)
		30	0.25 (0.010)	TFCC-010-(*)		30	0.25 (0.010)	TFAL-010-(*)
		26	0.38 (0.015)	TFCC-015-(*)		26	0.38 (0.015)	TFAL-015-(*)
		24	0.51 (0.020)	TFCC-020-(*)		24	0.51 (0.020)	TFAL-020-(*)
		20	0.81 (0.032)	TFCC-032-(*)		24S	7x32 AWG	TFAL-24S-(*)
						20	0.81 (0.032)	TFAL-032-(*)
						20S	7x28 AWG	TFAL-20S-(*)

†*Constantan is matched to either iron, copper or CHROMEGA®. When ordering "matched pairs," be sure to specify TFCI with TFIR, TFCC with TFCP, or TFCC with TFCH.*
*** Insert standard length (in feet) 50, 100, 500 or 1000.**
***Ordering Example: TFCY-003-100**, 100' spool of yellow 0.003" Dia. CHROMEGA® wire, and matching **TFAL-003-100**, 100' spool of red 0.003 ALOMEGA® wire.*
TFAL-20S-100, *100' spool of red 7x28 stranded alomega PFA insulated wire.*

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