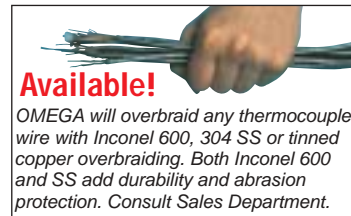


# Thermocouple Wire Duplex Insulated



**Available!**

OMEGA will overbraid any thermocouple wire with Inconel 600, 304 SS or tinned copper overbraiding. Both Inconel 600 and SS add durability and abrasion protection. Consult Sales Department.

**OMEGALLOY™**  
**OMEGA-P™ vs. OMEGA-N™**  
**Nicrosil-Nisil**

Fine Diameter Bare Wire		OMEGALLOY™	
Material	Wire dia. mm	Model Number	Price 15m Spools
OMEGA-P™ Nicrosil	0.076	SPOP-003	£12.75
	0.13	SPOP-005	9.80
	0.25	SPOP-010	9.80
	0.5	SPOP-020	15.75
	0.81	SPOP-032	15.75
OMEGA-N™ Nisil	0.076	SPON-003	12.75
	0.13	SPON-005	9.80
	0.25	SPON-010	9.80
	0.5	SPON-020	15.75
	0.81	SPON-032	15.75

Spool Pricing Guidelines			
Multiply 300 m. spool price by multiplier and round up. Consult Sales for price quote.			
10 m =	Price per 300 m	x	0.0667
25 m =	Price per 300 m	x	0.146
50 m =	Price per 300 m	x	0.25
100 m =	Price per 300 m	x	0.33

**FOR LONGER LENGTHS  
CONSULT SALES FOR  
PRICE AND DELIVERY!**

Duplex Insulated Wire										
Insulation	Cond Dia. (mm)	Model Number	Price 300m	Type Wire	Insulation		Max. Temp		Nominal Size mm	Wt. <sup>†</sup> kg/300m
					Conductor	Overall	°F	°C		
High Temp. Glass**	0.8	IEC-HH-N-20	484	Solid	High Temp. Glass	High Temp. Glass	1300	704	1.5 x 2.7	4.1
	0.5	IEC-HH-N-24	344	Solid	High Temp. Glass	High Temp. Glass	1300	704	11.4 x 2.3	2.3
Glass	0.8	IEC-GG-N-20	404	Solid	Glass Braid	Glass Braid	900	482	1.5 x 2.4	4.1
	0.5	IEC-GG-N-24	280	Solid	Glass Braid	Glass Braid	900	430	1.3 x 2	2.3
	0.25	IEC-GG-N-30	232	Solid	Glass Braid	Glass Braid	900	482	1.1 x 1.8	1.4
Teflon™ Glass	0.25	IEC-TG-N-30	429	Solid	PFA	Glass Braid	500	260	0.9 x 1.2	1
PFA Teflon™ Neoflon	0.8	IEC-TT-N-20	570	Solid	PFA	PFA	500	260	1.7 x 3	5
	0.5	IEC-TT-N-24	396	Solid	PFA	PFA	500	260	1.4 x 2.4	2.7
	0.25	IEC-TT-N-30 <sup>††</sup>	305	Solid	PFA	PFA	500	260	0.6 x 1	1

OMEGA Engineering does not use reprocessed Teflon® or PVC in manufacturing thermocouple wire.

\*\*Has colour tracers on jacket and positive leg only

†Weight of spool and wire in kg. (does not include packaging material).

††Overall colour clear

## Gold and CHROME™ Thermocouples and Wire

### Teflon® Insulated

#### .07% Atomic Au/Fe Wire (negative)

Model Number	Dia. (mm)	Price/25mm
TFAU.07FE-003	0.076	£1.70
TFAU.07FE-005	0.13	1.85
TFAU.07FE-010	0.25	2.80

### Teflon® Insulated CHROME™ Wire (positive)

Model Number	Dia. (mm)	Price/15 m
TFCH-003-50	0.076	£13.00
TFCH-005-50	0.13	13.00
TFCH-010-50	0.25	13.00

Note: CHROME™-gold Temperature vs Thermoelectric EMF tables can be found in OMEGA's OP-5A Reference Book, Table 11.4. Contact Sales for availability.

Use CHROME™ (+) vs Copper (-) for extension wire in the temperature range: -40 to 30°C (-40 to 86°F).

### Teflon® Insulated CHROME™

#### .07% Atomic Au/Fe Thermocouples

Model Number	Dia. (mm)	Price (300mm L)	Price per Add'l 300mm
TFAU.07FE-003-TC	0.076	£28.50	£24.50
TFAU.07FE-005-TC	0.13	28.50	24.50
TFAU.07FE-010-TC	0.25	37.00	33.00

Note: Price is subject to change due to precious metal market fluctuations.