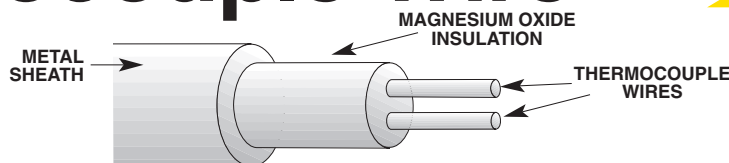


Metric OMEGACLAD™ Thermocouple Wire

Available With
304SS, 310SS, 316SS,
321SS, INCONEL 600,
Hastelloy-X and
Super OMEGACLAD™ XL
Sheaths!

Bends
Easily!



SINGLE PAIR METRIC OMEGACLAD WIRE

Model Number	Wire Calibration	Sheath Material	Sheath Diameter mm	Wall Thickness mm	Resistance 15.5°C Ohm/ dbl. metre	Wire Diameter mm	
304-J-MO-0.25MM-(* 304-J-MO-0.5MM-(* 304-J-MO-1.0MM-(* 304-J-MO-1.5MM-(* 304-J-MO-2.0MM-(* 304-J-MO-3.0MM-(* 304-J-MO-4.5MM-(* 304-J-MO-6.0MM-(*	Iron-Constantan J	304 Stainless Steel	0.25 0.5 1.0 1.5 2.0 3.0 4.5 6.0	0.038 0.076 0.152 0.254 0.305 0.457 0.660 0.940	1181 29.64 8.00 3.81 2.13 1.38 0.45 0.25	0.038 0.089 0.178 0.254 0.356 0.559 0.787 1.016	
INC-J-MO-0.5MM-(* INC-J-MO-0.75MM-(* INC-J-MO-1.0MM-(* INC-J-MO-1.5MM-(* INC-J-MO-2.0MM-(* INC-J-MO-3.0MM-(* INC-J-MO-4.5MM-(* INC-J-MO-6.0MM-(*	Iron-Constantan J	Inconel™ 600	0.5 0.75 1.0 1.5 2.0 3.0 4.5 6.0	0.076 0.127 0.152 0.254 0.305 0.457 0.660 0.940	29.64 46 8.00 3.81 2.13 1.38 0.45 0.25	0.089 0.127 0.178 0.254 0.356 0.559 0.787 1.016	
304-K-MO-0.25MM-(* 304-K-MO-0.5MM-(* 304-K-MO-0.75MM-(* 304-K-MO-1.0MM-(* 304-K-MO-1.5MM-(* 304-K-MO-2.0MM-(* 304-K-MO-3.0MM-(* 304-K-MO-4.5MM-(* 304-K-MO-6.0MM-(*	CHROMEGLA™-ALOMEGA™ K	304 Stainless Steel	0.25 0.5 0.75 1.0 1.5 2.0 3.0 4.5 6.0	0.038 0.076 0.127 0.152 0.254 0.305 0.457 0.660 0.940	1968 52.57 79 13.23 5.82 3.28 1.47 0.66 0.38	0.038 0.089 0.127 0.178 0.254 0.356 0.559 0.787 1.016	
INC-K-MO-0.25MM-(* INC-K-MO-0.5MM-(* INC-K-MO-1.0MM-(* INC-K-MO-1.5MM-(* INC-K-MO-2.0MM-(* INC-K-MO-3.0MM-(* INC-K-MO-4.5MM-(* INC-K-MO-6.0MM-(*	CHROMEGLA™-ALOMEGA™ K	Inconel™ 600	0.25 0.5 0.75 1.0 1.5 2.0 3.0 4.5 6.0	0.038 0.076 0.152 0.254 0.305 0.457 0.660 0.940	1968 52.57 13.23 5.82 3.28 1.47 0.66 0.38	0.038 0.089 0.178 0.254 0.356 0.559 0.787 1.016	
304-T-MO-0.25MM-(* 304-T-MO-0.5MM-(* 304-T-MO-1.0MM-(* 304-T-MO-0.75MM-(* 304-T-MO-1.5MM-(* 304-T-MO-2.0MM-(* 304-T-MO-3.0MM-(* 304-T-MO-4.5MM-(* 304-T-MO-6.0MM-(*	Copper-Constantan T	304 Stainless Steel	0.25 0.5 0.75 1.0 1.5 2.0 3.0 4.5 6.0	0.038 0.076 0.152 0.127 0.254 0.305 0.457 0.660 0.940	1043 20.85 7.43 39 3.03 1.67 0.77 0.36 0.20	0.038 0.089 0.178 0.127 0.254 0.356 0.559 0.787 1.016	
INC-T-MO-0.5MM-(* INC-T-MO-0.75MM-(* INC-T-MO-1.0MM-(* INC-T-MO-1.5MM-(* INC-T-MO-2.0MM-(* INC-T-MO-3.0MM-(* INC-T-MO-4.5MM-(* INC-T-MO-6.0MM-(*	Copper-Constantan T	Inconel™ 600	0.5 0.75 1.0 1.5 2.0 3.0 4.5 6.0	0.076 0.127 0.152 0.254 0.305 0.457 0.660 0.940	20.85 39 7.43 3.03 1.67 0.77 0.36 0.20	0.089 0.127 0.178 0.254 0.356 0.559 0.787 1.016	
304-E-MO-0.25MM-(* 304-E-MO-0.5MM-(* 304-E-MO-0.75MM-(* 304-E-MO-1.0MM-(* 304-E-MO-1.5MM-(* 304-E-MO-2.0MM-(* 304-E-MO-3.0MM-(* 304-E-MO-4.5MM-(* 304-E-MO-6.0MM-(*	CHROMEGLA™-Constantan E	304 Stainless Steel	0.25 0.5 0.75 1.0 1.5 2.0 3.0 4.5 6.0	0.038 0.076 0.127 0.152 0.254 0.305 0.457 0.660 0.940	2352 57.64 95 14.53 6.12 3.54 1.56 0.92 0.48	0.038 0.089 0.127 0.178 0.254 0.356 0.559 0.787 1.016	
INC-E-MO-0.25MM-(* INC-E-MO-0.5MM-(* INC-E-MO-1.0MM-(* INC-E-MO-0.75MM-(* INC-E-MO-1.5MM-(* INC-E-MO-2.0MM-(* INC-E-MO-3.0MM-(* INC-E-MO-4.5MM-(* INC-E-MO-6.0MM-(*	CHROMEGLA™-Constantan E	Inconel™ 600	0.25 0.5 0.75 0.75 1.5 2.0 3.0 4.5 6.0	0.038 0.076 0.152 0.127 0.254 0.305 0.457 0.660 0.940	2352 57.64 14.53 95 6.12 3.54 1.56 0.92 0.48	0.038 0.089 0.178 0.127 0.254 0.356 0.559 0.787 1.016	

Discount Schedule

Diameter 1.5 mm & above

0 to 3 m	Net
4 to 8 m	10%
9 to 14 m	25%
15 to 29 m	30%
30 to 149 m	35%
150 to 299 m	40%
300 m and up	45%

Diameter 1 mm & below

0 to 9 m	Net
10 to 29 m	6%
30 to 74 m	7%
75 m and up	10%

Single Metric Pair

6.0 mm



4.5 mm



3.0 mm



2.0 mm



1.5 mm



1.0 mm



0.5 mm



Technical Notes:

Compacted magnesium oxide is hygroscopic (absorbs moisture)

Custom Assemblies:

Special sheathing, insulation and thermocouple alloys are available on special order. Consult Sales Department for price and delivery.

Important Ordering Note:

OMEGACLAD™ wire will be supplied to ±10% of specified length. Prices will be adjusted accordingly.

**ALSO AVAILABLE
WITH HIGH PURITY
MAGNESIUM
OXIDE (MgO)**

*Specify length in metres (2 metres, minimum order). For 310, 316 or 321 stainless steel sheath, change "304" in the Model Number to "310", "316" or "321"; no additional charge. For SUPER OMEGACLAD™, change "304" in the Model Number to "SUP"; consult Sales for price. For Hastelloy-X, change "304" in the Model Number to "HASTX"; consult Sales for price. For Special Limits of Error, add suffix "SLE" to the Model Number; add 20% to price. **Ordering Examples:** 321-J-MO-2.0MM-10, 10 metres of type J OMEGACLAD™ wire with 321 stainless steel sheath, 2 mm in diameter
304-T-MO-6.0MM-5, 5 metres of type T OMEGACLAD™ wire with 304 stainless steel sheath, 6 mm in diameter



sales@omega.co.uk



+44 (0)161 777 6622