

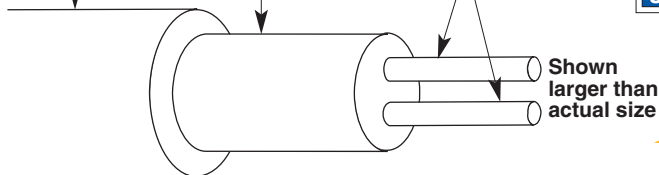
Metric OMEGA CLAD® Thermocouple Wire

0.025 to 8.0 mm Dia.

METAL SHEATH MAGNESIUM OXIDE INSULATION THERMOCOUPLE WIRES



Bends Easily!



Shown larger than actual size

Available with 304SS, 310SS, 316SS, 321SS, INCONEL 600, Hastelloy-X and SUPER OMEGA CLAD® XL Sheaths!

ALL MODELS AVAILABLE FOR FAST DELIVERY!

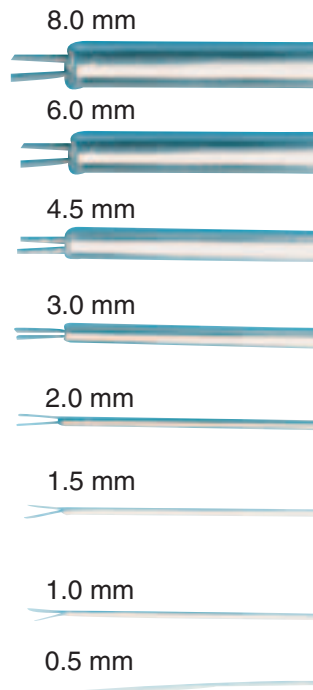
Model Number	Wire Calibration	Sheath Material	Sheath Diameter mm	Wall Thickness mm	Resistance 15.5°C Ohm/dbl. meter	Wire Diameter mm	Price/Meter*
304-J-MO-0.25MM-(* 304-J-MO-0.5MM-(* 304-J-MO-0.75MM-(* 304-J-MO-1.0MM-(* 304-J-MO-1.5MM-(* 304-J-MO-2.0MM-(* 304-J-MO-3.0MM-(* 304-J-MO-4.5MM-(* 304-J-MO-6.0MM-(*	Iron-Constantan J	304 Stainless Steel	0.25	0.04	1181	0.04	\$8.20
0.5			0.08	98	0.09	4.10	
0.75			0.13	46	0.13	4.10	
1.0			0.15	26	0.18	4.10	
1.5			0.25	12	0.25	5.10	
2.0			0.31	6.9	0.36	5.60	
3.0			0.46	4.6	0.56	6.10	
4.5			0.66	1.5	0.79	10.35	
6.0			0.94	0.82	1.02	16.40	
INC-J-MO-0.25MM-(* 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	0.25	0.04	1181	0.04	8.20
0.5			0.08	98	0.09	4.10	
0.75			0.13	46	0.13	4.10	
1.0			0.15	26	0.18	4.10	
1.5			0.25	12	0.25	5.10	
2.0			0.31	6.9	0.36	7.75	
3.0			0.46	4.6	0.56	10.35	
4.5			0.66	1.5	0.79	14.30	
6.0			0.94	0.82	1.02	16.40	
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-(*	CHROMEQA®-ALOMEGA® K	304 Stainless Steel	0.25	0.04	1968	0.04	8.20
0.5			0.08	174	0.09	4.10	
0.75			0.13	79	0.13	4.10	
1.0			0.15	43	0.18	4.10	
1.5			0.25	19	0.25	5.10	
2.0			0.32	11	0.36	5.60	
3.0			0.46	4.9	0.56	6.10	
4.5			0.66	2.2	0.79	10.35	
6.0			0.94	1.2	1.02	16.40	
INC-K-MO-0.25MM-(* INC-K-MO-0.5MM-(* INC-K-MO-0.75MM-(* 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-(* INC-K-MO-8.0MM-(*	CHROMEQA®-ALOMEGA® or OMEGA-PT™ OMEGA-N™ K or N†	Inconel® 600	0.25	0.04	1968	0.04	8.20
0.5			0.08	174	0.09	4.10	
0.75			0.13	79	0.13	4.10	
1.0			0.15	43	0.18	4.10	
1.5			0.25	19	0.25	5.10	
2.0			0.31	11	0.36	7.75	
3.0			0.46	4.9	0.56	10.35	
4.5			0.66	2.2	0.79	14.30	
6.0			0.94	1.2	1.01	24.60	
8.0			1.01	1.2	1.11	38.00	
304-T-MO-0.25MM-(* 304-T-MO-0.5MM-(* 304-T-MO-0.75MM-(* 304-T-MO-1.0MM-(* 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	0.04	1043	0.04	8.20
0.5			0.08	66	0.09	4.10	
0.75			0.13	39	0.13	4.10	
1.0			0.15	24	0.18	4.10	
1.5			0.25	9.8	0.25	5.10	
2.0			0.31	5.6	0.36	6.65	
3.0			0.46	2.5	0.56	6.10	
4.5			0.66	1.2	0.79	10.35	
6.0			0.94	0.65	1.02	16.40	
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	0.08	66	0.09	4.10
0.75			0.13	39	0.13	4.10	
1.0			0.15	24	0.18	4.10	
1.5			0.25	9.8	0.25	6.10	
2.0			0.31	5.6	0.36	9.20	
3.0			0.46	2.5	0.56	12.30	
4.5			0.66	1.2	0.79	16.40	
6.0			0.94	0.65	1.02	24.60	
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-(*	CHROMEQA®-Constantan E	304 Stainless Steel	0.25	0.04	2352	0.04	8.20
0.5			0.08	190	0.09	4.10	
0.75			0.13	95	0.13	4.10	
1.0			0.15	49	0.18	4.10	
1.5			0.25	20	0.25	5.10	
2.0			0.31	11	0.36	6.65	
3.0			0.46	5.2	0.56	8.20	
4.5			0.66	3.0	0.79	10.35	
6.0			0.94	1.6	1.02	16.40	
INC-E-MO-0.25MM-(* INC-E-MO-0.5MM-(* INC-E-MO-0.75MM-(* INC-E-MO-1.0MM-(* 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-(*	CHROMEQA®-Constantan E	Inconel® 600	0.25	0.04	2352	0.04	8.20
0.5			0.08	190	0.09	4.10	
0.75			0.13	95	0.13	4.10	
1.0			0.15	49	0.18	4.10	
1.5			0.25	20	0.25	6.10	
2.0			0.31	11	0.36	9.20	
3.0			0.46	5.2	0.56	12.30	
4.5			0.66	3.0	0.79	16.40	
6.0			0.94	1.6	1.02	24.60	

Available!



Thermocouple Wire Stripper for metal sheathed or OMEGA CLAD® wire. Please see PST Series Strippers on page H-59.

Available in these sizes:



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:

OMEGA CLAD® wire will be supplied to ±10% of specified length. Prices will be adjusted accordingly.

New! Type N Now Available with Inconel Sheath.

MADE WITH HIGH PURITY MAGNESIUM OXIDE (MgO)

* Specify length in meters (5 meters, minimum order). † For Type N change "K" in model number to "N", same price. For 310, 316 or 321 stainless steel sheath, change "304" in the Model Number to "310", "316" or "321"; no additional charge. 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 Example: 304-K-MO-1.5MM-10, 10 m of type K CHROMEQA®-ALOMEGA® wire with 304 SS sheath, 1.5 mm diameter, \$5.10 x 10 x 0.75 = \$38.25.



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