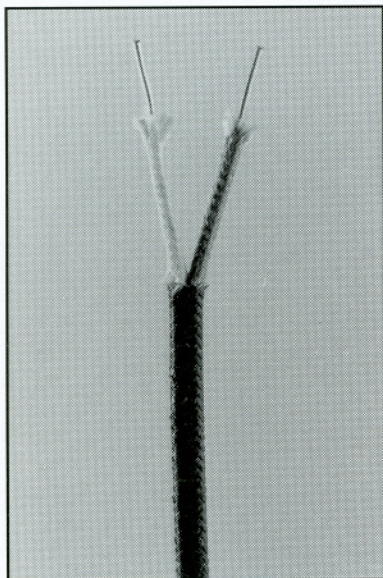


# Thermocouple Wire



**HGHG** High Temp Glass

## PRODUCT DESCRIPTION

A high-temperature, high tensile strength fiberglass, either color-coded or with tracer yarn, is braided on both the single conductors and the overall jacket. Both are impregnated with a 500°F modified resin saturant.

## PERFORMANCE FEATURES

- Designed for continuous use at temperatures to 1200°F (650°C), intermittent use to 1450°F (790°C).
- Good moisture and abrasion resistance

## APPLICATIONS

- Preheating & Stress Relieving of Forgings
- Heat Treating for annealing, aging, or hardening
- Furnace Temperature Surveys

### Insulation Color Code: Positive - Yellow Tracer Negative - Red Tracer Overall - White with Yellow Tracer

Order Code	Insulation		AWG No.	Type Wire	Temperature (°F)		Nominal Size (in)	Weight/1000 ft.
	Singles	Jacket			Continuous	Intermittent		
K-14-HGHG	Hi TempFiberglas	Hi Temp Fiberglas	14	Solid	1200	1500	.115 x .205	36
K-16-HGHG	Hi TempFiberglas	Hi Temp Fiberglas	16	Solid	1200	1500	.105 x .185	20
K-20-HGHG	Hi TempFiberglas	Hi Temp Fiberglas	20	Solid	1200	1500	.085 x .145	15
K-24-HGHG	Hi TempFiberglas	Hi Temp Fiberglas	24	Solid	1200	1500	.075 x .120	10

Calibration:  
ANSI Type K  
Chromel/Alumel

### Insulation Color Code: Positive - White Negative - Red Tracer Overall - White with Black Tracer

J-14-HGHG	Hi TempFiberglas	Hi Temp Fiberglas	14	Solid	1200	1500	.115 x .205	36
J-16-HGHG	Hi TempFiberglas	Hi Temp Fiberglas	16	Solid	1200	1500	.105 x .185	20
J-20-HGHG	Hi TempFiberglas	Hi Temp Fiberglas	20	Solid	1200	1500	.085 x .145	15
J-24-HGHG	Hi TempFiberglas	Hi Temp Fiberglas	24	Solid	1200	1500	.075 x .120	10

Calibration:  
ANSI Type J  
Iron/Constantan

### Insulation Color Code: Positive - Purple Tracer Negative - Red Tracer Overall - White with Purple Tracer

E-20-HGHG	Hi TempFiberglas	Hi Temp Fiberglas	20	Solid	1200	1500	.085 x .145	15
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Calibration:  
ANSI Type E  
Chromel/Constantan