

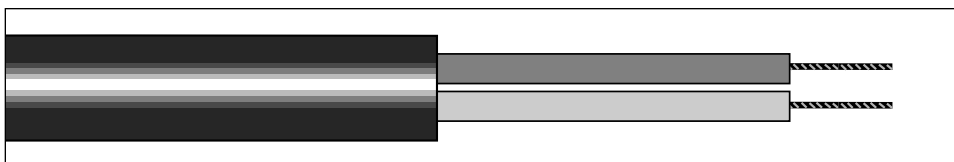
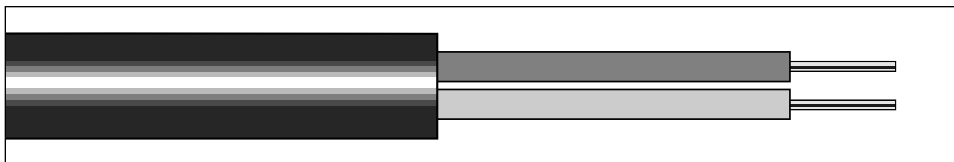
# THERMOCOUPLE WIRE AND CABLE

## DUPLEX PARALLEL THERMOCOUPLE WIRE GRADE

### CHARACTERISTICS

#### PRODUCT DESCRIPTION:

- Solid or Stranded Alloy Wire Matched and Calibrated to Standard Limits of Error per ISA Specification RP-1.1-3 and ANSI Circular MC 96.1
- ANSI Color-Coded Insulation and Jacket



### SPECIFICATIONS

- ISA Specification RP-1.1-3
- ANSI Circular MC 96.1
- † Silicone Varnish Impregnated Glass

### ANSI

### AVAILABILITY

- Bulk, Cut to Length
- Items Marked With ▲: Also Available in 100 ft (30,5m), 500 ft (152m) and 1000 ft (305m) put-ups

#### ANSI TYPE J (IRON-CONSTANTAN)

Alpha Part No.	Conductor		Strand	Conductor Insulation	Jacket Material	Nominal Dimensions	
	AWG	mm <sup>2</sup>				Inches	mm
▲ 5762	20	0,51	Solid	Glass Braid†	Glass Braid†	0.064 x 0.109	1,63 x 2,77
▲ 5762S	20	0,56	7/28	Glass Braid†	Glass Braid†	0.090 x 0.154	2,29 x 3,91
▲ 5763H	20	0,51	Solid	Hi-Temp Glass Braid†	Hi-Temp Glass Braid†	0.080 x 0.136	2,03 x 3,45
▲ 5765	20	0,51	Solid	FEP Teflon*	FEP Teflon*	0.072 x 0.124	1,83 x 3,15
▲ 5766	24	0,20	Solid	Glass Braid†	Glass Braid†	0.049 x 0.081	1,24 x 2,06
▲ 5767H	24	0,20	Solid	Hi-Temp Glass Braid†	Hi-Temp Glass Braid†	0.068 x 0.112	1,73 x 2,84
▲ 5769/1	30	0,05	Solid	Glass Wrap†	Glass Braid†	0.032 x 0.052	0,81 x 1,32

#### ANSI TYPE K (CHROMEL-ALUMEL)

Alpha Part No.	Conductor		Strand	Conductor Insulation	Jacket Material	Nominal Dimensions	
	AWG	mm <sup>2</sup>				Inches	mm
▲ 5772	20	0,51	Solid	Glass Braid†	Glass Braid†	0.064 x 0.109	1,63 x 2,77
▲ 5772S	20	0,56	7/28	Glass Braid†	Glass Braid†	0.090 x 0.154	2,29 x 3,91
▲ 5773H	20	0,51	Solid	Hi-Temp Glass Braid†	Hi-Temp Glass Braid†	0.080 x 0.136	2,03 x 3,45
▲ 5775	20	0,51	Solid	FEP Teflon*	FEP Teflon*	0.072 x 0.124	1,83 x 3,15
▲ 5776	24	0,20	Solid	Glass Wrap†	Glass Braid†	0.049 x 0.081	1,24 x 2,06

#### ANSI TYPE T (COPPER-CONSTANTAN)

Alpha Part No.	Conductor		Strand	Conductor Insulation	Jacket Material	Nominal Dimensions	
	AWG	mm <sup>2</sup>				Inches	mm
▲ 5782	20	0,51	Solid	Glass Braid†	Glass Braid†	0.064 x 0.109	1,63 x 2,77
▲ 5785	20	0,51	Solid	FEP Teflon*	FEP Teflon*	0.072 x 0.124	1,68 x 3,15
▲ 5788	24	0,20	Solid	Nylon	Nylon	0.040 x 0.069	1,02 x 1,75
▲ 5789F	24	0,20	Solid	Polyvinylchloride	None	0.046 x 0.096	1,17 x 2,44
▲ 5784	30	0,05	Solid	Glass Wrap†	Glass Braid†	0.032 x 0.052	0,81 x 1,32

\*Registered trademark of E.I. DuPont Co.

Thermocouple Wire Diameter and Resistance Information can be found on page 332 of this catalog.