



# THERMOCOUPLE WIRE & EXTENSION WIRE

## DUPLEX EXTENSION WIRE

**DESCRIPTION:**

Solid or stranded alloy wire matched and calibrated to standard limits of error per ASA C96.1

**APPLICATION:**

Interconnection of thermocouples to temperature recording apparatus

**INSULATION TEMPERATURE RATINGS:**

Glass Braid with Silicon	482°C
Teflon (FEP)	205°C
PVC	105°C

OLYMPIC NO.	ANSI TYPE	AWG	CONDUCTOR STRANDING	COND. INSUL.	JACKET MAT'L	NOM. O.D.
1011	EX	20	ONE	PVC	PVC	.084" x .142"
1012	JX	16	ONE	PVC	PVC	.121" x .201"
1014	JX	16	ONE	GLASS* BRAID	GLASS* BRAID	.081" x .142"
1015	JX	16	ONE	FEP	FEP	.091" x .161"
1016	JX	20	ONE	PVC	PVC	.100" x .163"
1021	KX	16	ONE	PVC	PVC	.121" x .201"
1023	KX	16	ONE	GLASS* BRAID	GLASS* BRAID	.081" x .142"
1024	KX	20	ONE	PVC	PVC	.100" x .163"
1024F	KX	20	7/28	PVC	PVC	.090" x .154"
1030	TX	16	ONE	PVC	PVC	.121" x .201"
1031	TX	20	ONE	PVC	PVC	.100" x .163"

## DUPLEX THERMOCOUPLE WIRE GRADE

**DESCRIPTION:**

Solid or stranded alloy wire matched and calibrated to standard limits of error per ASA C96.1

**APPLICATION:**

For primary thermocouple fabrication and interconnection of thermocouples to temperature recording apparatus

OLYMPIC NO.	ANSI TYPE	AWG	CONDUCTOR STRANDING	COND. INSUL.	JACKET MAT'L	NOM. O.D.
1102	J	20	ONE	GLASS* BRAID	GLASS* BRAID	.064" x .109"
1102F	J	20	7/28	GLASS* BRAID	GLASS* BRAID	.090" x .154"
1105	J	20	ONE	FEP	FEP	.072" x .124"
1112	K	20	ONE	GLASS* BRAID	GLASS* BRAID	.064" x .109"
1112F	K	20	7/28	GLASS* BRAID	GLASS* BRAID	.090" x .154"
1115	K	20	ONE	FEP	FEP	.072" x .124"
1125	T	20	ONE	FEP	FEP	.072" x .124"

\* Silicone varnish impregnated glass

## ISA/ANSI COLOR CODE

TYPE		OVERALL JACKET						
GRADE	EXTENSION	POSITIVE WIRES		NEGATIVE WIRES		GRADE	TRACER	EXTENSION
J	JX	Iron	White	Constantan	Red	Brown	Black	Black
K	KX	Chromel	Yellow	Alumel	Red	Brown	Yellow	Yellow
T	TX	Copper	Blue	Constantan	Red	Brown	Blue	Blue
E	EX	Chromel	Purple	Constantan	Red	Brown	Purple	Purple
—	RX, SX	Copper	Black	Alloy #11	Red	—	—	Green