



THERMOCOUPLE EXTENSION WIRE SINGLE PAIR - 200DEGREES C FEP TEFLON SOLID OR STRANDED, SHIELDED/NONSHIELDED

CONSTRUCTION:

CONDUCTOR SOLID ALLOYS PER ANSI STANDARDS. (SEE TABLE BELOW).

INSULATION FEP TEFLON* COLOR CODED PER ANSI STANDARDS.

ASSEMBLY IN NONSHIELDED CONSTRUCTION, INSULATED CONDUCTORS ARE LAID PARALLEL; IN SHIELDED CONSTRUCTION, INSULATED CONDUCTORS ARE TWISTED TOGETHER WITH OVERALL ALUMINUM/MYLAR TAPE SHIELD AND TINNED COPPER DRAIN.

JACKET FEP TEFLON* COLOR CODED PER ANSI STANDARDS. RATED 200DEG C/392DEG F CONTINUOUS OR 260DEG C/500DEG F FOR SINGLE READING.

Charlotte Wire Part#	A.N.S.I. Type	Size AWG	Strand Type	Shielding Type	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW06211	JX	20	7Stranded	Nonshielded	.08" x .13"	13
CW06212	JX	20	7Stranded	Shielded	.15"	18
CW06213	JX	16	Solid	Shielded	.18"	35
CW06214	JX	16	7Stranded	Shielded	.19"	36
CW06215	KX	20	Solid	Nonshielded	.07" x .12"	12
CW06216	KX	20	7Stranded	Shielded	.15"	18
CW06217	KX	16	Solid	Shielded	.18"	35
CW06218	KX	16	7Stranded	Shielded	.19"	36
CW06219	EX	20	7Stranded	Shielded	.15"	18
CW06220	EX	16	Solid	Shielded	.18"	36
CW06221	TX	20	Solid	Nonshielded	.07" x .12"	12
CW06222	TX	20	7Stranded	Shielded	.15"	18
CW06223	TX	16	Solid	Shielded	.18"	35
CW06224	RSX	16	Solid	Shielded	.18"	35
CW06225	RSX	16	7Stranded	Shielded	.19"	36
CW06226	NX	16	Solid	Shielded	.18"	35

APPLICATION:

Suitable for the relay of temperature measurement signals in power plants, petrochemical plants, heat treating, and industrial locations. FEP Teflon's abrasion resistance and smoothness allows for easy pulling through conduit. FEP Teflon also has excellent flame, oil, chemical, sunlight, and moisture resistance.

OPTIONAL CONSTRUCTIONS:

Special calibration tolerance.
Overall metallic coverings such as stainless steel overbraid.
Type PLTC rating.

THERMOCOUPLE IDENTIFICATION:

A.N.S.I. Type	Conductor Type			Color Coding		Overall Jacket	Limits of Error (Deg C)
	Positive Wire	Negative Wire	Positive Wire	Negative Wire			
JX	Iron	Constantan	White	Red	Black	+/-2.2Deg C	
KX	Chromel	Alumel	Yellow	Red	Yellow	+/-2.2Deg C	
EX	Chromel	Constantan	Purple	Red	Purple	+/-1.7Deg C	
TX	Copper	Constantan	Blue	Red	Blue	+/-1.0Deg C	
RSX**	Copper	Cu Alloy #11	Black	Red	Green	+/-5.0Deg C	
NX	Nicrosil	Nisil	Orange	Red	Orange	+/-2.2Deg C	

*Types RX and SX utilize the same ANSI conductors alloys and color code.