

## Synthetic Fiber Insulated Thermocouple Wire -SF ( + 290°C)

**SF:** Tough, heavy insulation for use where abrasion resistance on braided insulation is required. Conductors are insulated with a braided composite synthetic yarn\* & impregnated with a color-coded moisture resistant saturant. The insulated conductors are laid parallel & insulated with a heavy yarn composite synthetic fiber jacket which is then coated with the same saturant.



### Key Features

- Rated for continuous use at 550° F (290° C).
- Impregnated with high-temperature resin for better handling and reduce fraying.
- Available in standard limits and special Limits of error.
- Available in Type JX, KX, RX & SX

### Comparison to Other Constructions:

Abrasion Resistance - Fair  
Chemical Resistance - Fair  
Moisture Resistance - Fair

Order Code W-TTXX-XX-SF-XXXX- X

1	2	3	4
---	---	---	---

**Example: W-TT16-KX-SF-L**

Note: Add "IEC" at the end of order code IEC Color coding

Field 1 Wire Gauge Size	
Code	
16	16 AWG. Solid
18	18 Awg, Solid
20	20 AWG. Solid

Field 2 Thermocouple Type	
Code	
J	Type J Thermocouple Grade
K	Type K Thermocouple Grade
R/SX	Type RX/SX Extension Grade
JX	Type J Thermocouple EXT Grade
KX	Type K Thermocouple EXT Grade

Field 3 SS Over braiding	
Code	
	Leave Blank if not required
SSOB	Stainless Steel Overbraiding

Field 4 Accuracy	
Code	
	Leave Blank for std. limits
L	For special limits of error