

PVC Polyvinyl Chloride Insulated Thermocouple Wire- PVC (-25° C to + 105°C)

PVC: PVC insulation offers excellent resistance to chemicals and abrasion. PVC single pair thermocouple wire comes with a flame-retardant, polyvinyl chloride insulation extruded over single insulated conductors. These conductors are arranged parallel and then covered with an overall PVC jacket.



Key Features

- Rated for continuous use at 220° F (105° C).
- Available in standard limits and special Limits of error.
- Available in Type JX , KX, RX & SX, BX
- Compliant to ASTM E230, IEC 584 and ANSI MC 96.1
- Flame retardant

Comparison to Other Constructions:

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

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

1	2	3	4
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Example: W-TT16-KX-CFCF-SSOB

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
24	24 AWG. Solid

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

USE **"S"** with code for stranded conductor

Cond. Size AWG.	Insulation Thickness (Inches)	Jacket Thickness (Inches)	Outer Diameter (Inches)	Net Weight LB/1000 FT
16	0.016	0.016	0.112 x 0.193	24
18	0.016	0.016	0.104 x 0.173	18
20	0.016	0.016	0.093 X 0.154	14
24	0.016	0.016	0.082 X 0.132	9.3