


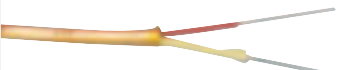









# Wire Insulation Identification

Insulation Code	Insulation		Appearance of Thermocouple Grade Wire	Temperature Range, Insulation	Abrasion Resistance	Flexibility	Water Submersion
	Overall	Conductors					
<b>PP</b> (Extension Grade-EXPP)	Polyvinyl Chloride (PVC)	Polyvinyl Chloride (PVC)		-40 to 105°C -40 to 221°F	Good	Excellent	Good
<b>FF</b> (Extension Grade-EXFF)	FEP Teflon® or Neoflon	FEP Teflon® or Neoflon		-200 to 200°C -338 to 392°F	Excellent	Good	Excellent
<b>TT</b> (Extension Grade-EXTT)	PFA Teflon® or Neoflon	PFA Teflon® or Neoflon		-267 to 260°C -450 to 500°F	Excellent	Good	Excellent
<b>KK</b>	Kapton	Kapton		-267 to 316°C -450 to 600°F	Excellent	Good	Good
<b>TG</b>	Glass Braid	PFA Teflon® or Neoflon		-73 to 260°C -100 to 500°F	Good	Good	Excellent
<b>GG</b> (Extension Grade-EXGG)	Glass Braid	Glass Braid		-73 to 482°C -100 to 900°F	Poor	Good	Poor
<b>HH</b>	High Temp Glass Braid	High Temp Glass Braid		-73 to 704°C -100 to 1300°F	Poor	Good	Poor
<b>XR</b>	Refrasil Braid	Refrasil Braid		-73 to 871°C -100 to 1600°F	Poor	Good to 315°C (600°F)	Poor to 315°C (600°F)
<b>XC</b> Standard Braid XL-Loose Braid XT-Tight Braid	Nextel Braid	Nextel Braid		-73 to 1204°C -100 to 2200°F	Poor	Good	Poor
<b>XS</b>	Silica	Silica		-73 to 1038°C -100 to 1990°F	Poor	Good	Poor
<b>TFE</b>	TFE Teflon®	TFE Teflon®		-267 to 260°C -450 to 500°F	Excellent	Good	Excellent



ANSI color code shown To order IEC color code see pg. H-9

