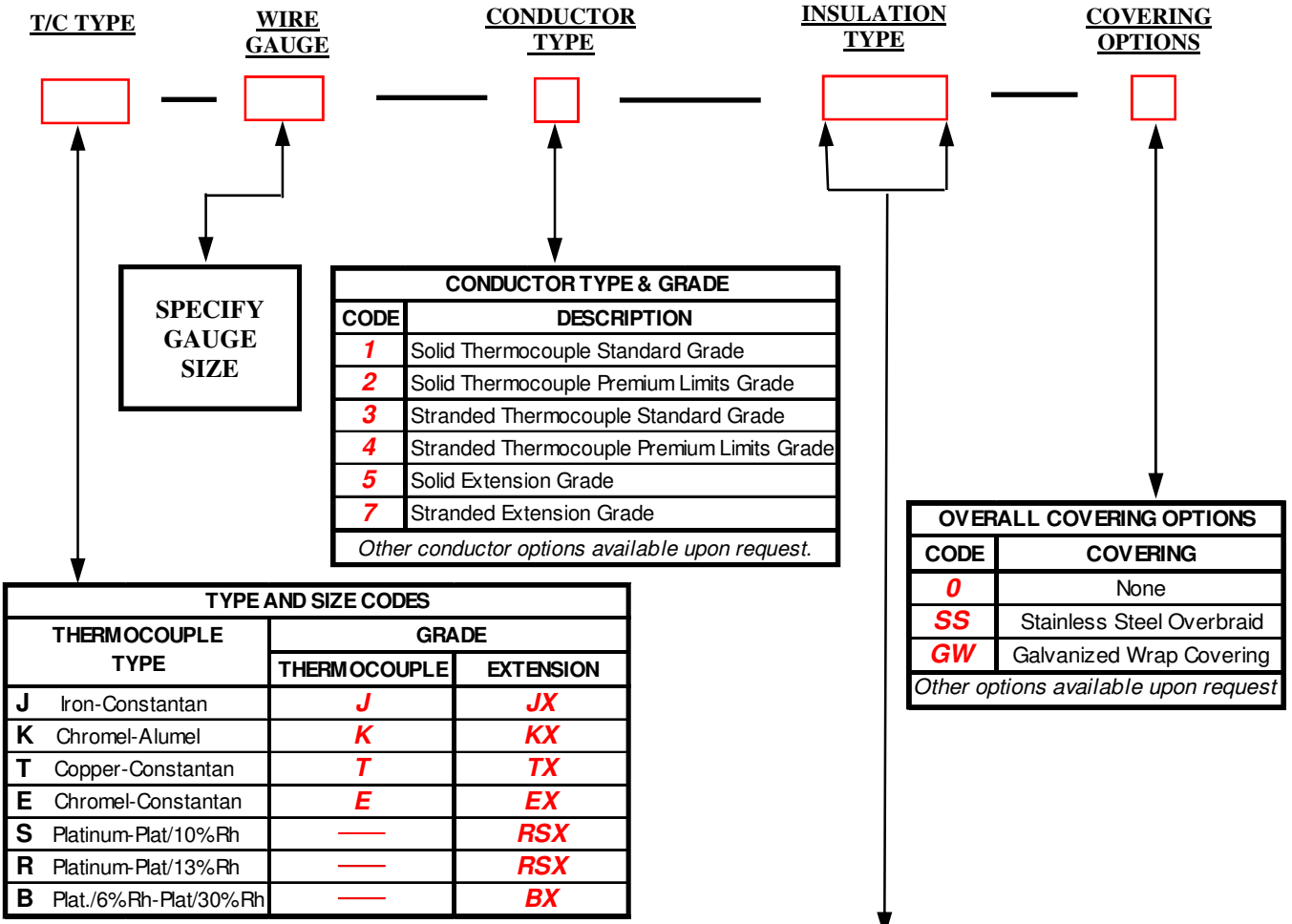


INSULATED THERMOCOUPLE WIRE TABLES



TYPE AND SIZE CODES

THERMOCOUPLE TYPE	GRADE	
	THERMOCOUPLE	EXTENSION
J Iron-Constantan	J	JX
K Chromel-Alumel	K	KX
T Copper-Constantan	T	TX
E Chromel-Constantan	E	EX
S Platinum-Plat/10%Rh	---	RSX
R Platinum-Plat/13%Rh	---	RSX
B Plat./6%Rh-Plat/30%Rh	---	BX

INSULATION TYPE

CODE	Single Conductor	Duplex Conductors	Temperature Rating		Abrasion Resistance	Moisture Resistance	Additional Notes
	Insulating Material	Insulating Material	Continuous	Maximum			
301	Vitreous Silica Fiber	Vitreous Silica Fiber	871°C	1093°C	Fair	Fair	No Impregnation
	.017"	.020"	1600°F	2000°F			
302	Heavy Glass Braid	Glass Braid	482°C	538°C	Good	Good	Impregnation Retained To 204°C (400°F)
	.010"	.006"	900°F	1000°F			
304	Glass Braid	Glass Braid	482°C	538°C	Fair	Good	Impregnation Retained To 204°C (400°F)
	.006"	.006"	900°F	1000°F			
305	Double Glass Wrap	Glass Braid	482°C	538°C	Fair	Good	Impregnation Retained To 204°C (400°F)
	.005"	.006"	900°F	1000°F			
321	Hi-Temp Glass Braid	Hi-Temp Glass Braid	704°C	871°C	Good	Good	Impregnation Retained To 204°C (400°F)
	.015"	.010"	900°F	1000°F			
350	Ceramic Fiber Braid	Ceramic Fiber Braid	1205°C	1430°C	Good	Fair	No Impregnation
	.015"	.015"	2200°F	2600°F			
502	Polyvinyl Chloride	Polyvinyl Chloride	105°C	105°C	Good	Excellent	
	.015"	.015"	220°F	220°F			
504	Extruded Nylon	Extruded Nylon	150°C	150°C	Excellent	Fair	Overall Insulation Jacket is Clear
	.008"	.008"	300°F	300°F			
505	Polyvinyl Chloride	Ripcord	105°C	105°C	Good	Excellent	
	.015"	None	220°F	220°F			
507	Teflon FEP Extruded	Teflon FEP Extruded	205°C	260°C	Very Good	Excellent	
	.010"	.010"	400°F	500°F			
508	Teflon TFE Tape	Teflon TFE Tape	260°C	316°C	Good	Excellent	
	.006"	.008"	500°F	600°F			
509	Teflon FEP Extruded	Teflon FEP Extruded	205°C	260°C	Very Good	Excellent	Aluminum / Mylar Shield with Drain Wire
	.010"	.012 Twisted	400°F	500°F			
510	Polyvinyl Chloride	Polyvinyl Chloride	105°C	105°C	Good	Excellent	Aluminum / Mylar Shield with Drain Wire
	.015"	.020" Twisted	220°F	220°F			
511	Fused Kapton Tape	None	315°C	430°C	Excellent	Excellent	FEP Binder Melts at approx. 260°C (500°F)
	.005"	Twisted	600°F	800°F			
513	Fused Kapton Tape	Fused Kapton Tape	315°C	430°C	Excellent	Excellent	FEP Binder Melts at approx. 260°C (500°F)
	.005"	.005"	600°F	800°F			
516	Extruded PFA	Extruded PFA	260°C	290°C	Good	Excellent	
	.008"	.010"	500°F	550°F			