

PRODUCT INFO SHEET

Nanmac Corporation

Quality • Performance • Solutions

Mineral Insulated Thermocouple Cable

G11 Series

Nanoclad wire is a metal sheathed inert magnesium oxide insulated thermocouple cable. It is used to fabricate thermocouple probes and high temperature thermocouple extension wire. It can be welded, brazed, bent, coiled, or formed. This mineral insulated wire can withstand vibration under high temperatures and pressure.



Specifications

Part No.	Thermocouple Type	Sheath Material	Sheath Diameter (in.)	Wall Thickness (in.)	Wire Diameter (in.)
G11-2	J	SS 304	0.040	0.007	0.006
G11-3			0.062	0.010	0.010
G11-4			0.125	0.018	0.020
G11-5			0.188	0.025	0.032
G11-6			0.250	0.036	0.040
G11-6A			0.080	0.015	0.014
G11-8	J	Inco 600	0.040	0.007	0.006
G11-9			0.062	0.010	0.010
G11-10			0.125	0.018	0.020
G11-11			0.188	0.025	0.032
G11-12			0.250	0.036	0.040
G11-14	K	SS 304	0.040	0.007	0.006
G11-15			0.062	0.010	0.010
G11-16			0.125	0.018	0.020
G11-17			0.188	0.025	0.032
G11-18			0.250	0.036	0.040
G11-18A			0.080	0.015	0.014
G11-20	K	Inco 600	0.040	0.007	0.006
G11-21			0.062	0.010	0.010
G11-22			0.125	0.018	0.020
G11-23			0.188	0.025	0.032
G11-24			0.250	0.036	0.040
G11-26	T	SS 304	0.040	0.007	0.006
G11-27			0.062	0.010	0.010
G11-28			0.125	0.018	0.020
G11-29			0.188	0.025	0.032
G11-29A			0.250	0.036	0.040
G11-29B			0.080	0.015	0.014
G11-30	E	SS 304	0.040	0.007	0.006
G11-31			0.062	0.010	0.010
G11-32			0.125	0.018	0.018
G11-33			0.188	0.025	0.032
G11-33A			0.080	0.015	0.014
G11-33B			0.250	0.036	0.040
G11-34	E	Inco 600	0.040	0.007	0.006
G11-35			0.62	0.010	0.010
G11-36			0.125	0.018	0.020

NOTES:

- All cables will be furnished to your specified total length, plus or minus ten percent.
- For other sizes, alloys, and insulation contact factory.
- Multi-conductor cable is available for most sheath sizes.
- When ordering, specify part number and length.
- Minimum length orders apply, contact factory for you specific requirement.

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