

# PRODUCT INFO SHEET

Nanmac Corporation

Quality • Performance • Solutions

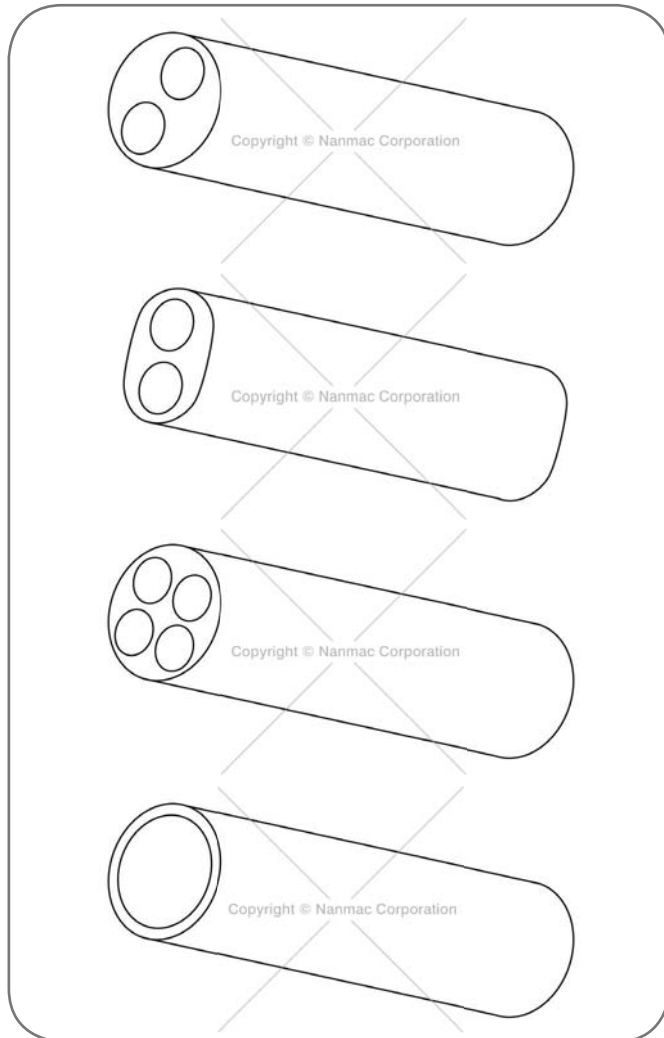
## Thermocouple Insulators A14 Series

We stock a broad line of insulators for use with all types and sizes of thermocouple wire. Mullite insulators are recommended for use with bare metal thermocouple wire and element types: E, J, K, N, and T up to 2,700 degrees Fahrenheit. High purity alumina oxide is recommended for use with noble or refractory thermocouple wire and element types: B, C, D, R, and S. Re-crystallized alumina is suitable up to 3,600 degrees Fahrenheit.

*We do not recommend using Mullite (~70% Alumina / 30% Silica) with either platinum or tungsten elements.*

### NOTES:

- Specify length in six inch increments.
- Example: A14-1-6 (is an 1/8 inch OD Mullite, 2 bore, 0.040 bore size, six inches long)
- Special lengths are available



Specifications			
Double Bore Round			
Part No.	Material	Nominal OD (in.)	Nominal ID (in.)
A14-1	Mullite	1/8	0.040
A14-2		3/16	0.060
A14-3		1/4	0.080
A14-4		3/8	0.110
A14-5		1/2	0.150
A14-6	Oxide 99 (High Purity Alumina)	1/8	0.040
A14-7		3/16	0.060
A14-8		1/4	0.080
Double Bore Oval			
A14-9	Mullite	1/8 x 0.090	0.030
A14-10		3/16 x 0.120	0.040
A14-11		1/4 x 0.220	0.090
A14-12		3/8 x 0.220	0.090
A14-13		1/2 x 0.280	0.160
Four Bore Round			
A14-14	Mullite	3/16	0.040
A14-15		1/4	0.080
Single Bore Round			
A14-19	Oxide 99 (High Purity Alumina)	1/4	0.110
A14-20		3/8	0.250
A14-21		1/8	0.060
A14-22		3/16	0.080