

## HEATSINK COMPOUNDS



### Thermpath

A **silicone-based**, metal oxide filled thermal interface grease offering high thermal conductivity characteristics. Designed to displace air and fill small imperfections between mating surfaces the grease is supplied in syringe form to give precise and economic applications.

#### Specification

Colour ..... White  
 Thermal conductivity ..... 0.7W/m°C  
 Dielectric strength ..... 18kV/mm  
 Specific gravity ..... 2.5  
 Operating temp. range ..... -40 to +140°C  
 Cleaning solvent ..... Mineral spirits or turpentine  
 Shelf life ..... Indefinite (unopened)

Type	35ml syringe	Manf. Part No. & Anglia Order Code
		167-35ML

### Thermalcote™

A superior thermally-loaded **silicone-based** grease for use with all heatsinks. Improves the transfer of thermal energy between mating surfaces approximately 15 times better than air and more than 4 times better than unloaded silicone grease. It is non-toxic, extremely stable, and neither cakes nor runs over the wide operating temperature range. Choice of 57g tube or 450g can.

#### Specification

Colour ..... Opaque white  
 Thermal conductivity ..... 0.765W/m°C  
 Dielectric strength (1.27mm gap) ..... 11.8kV/mm  
 Specific gravity ..... 1.6  
 Operating temp. range ..... -40 to +204°C  
 Cleaning solvent ..... Mineral spirits or turpentine  
 Shelf life ..... Indefinite (unopened)

Type	57g tube	Manf. Part No. & Anglia Order Code
	450g can	250 251

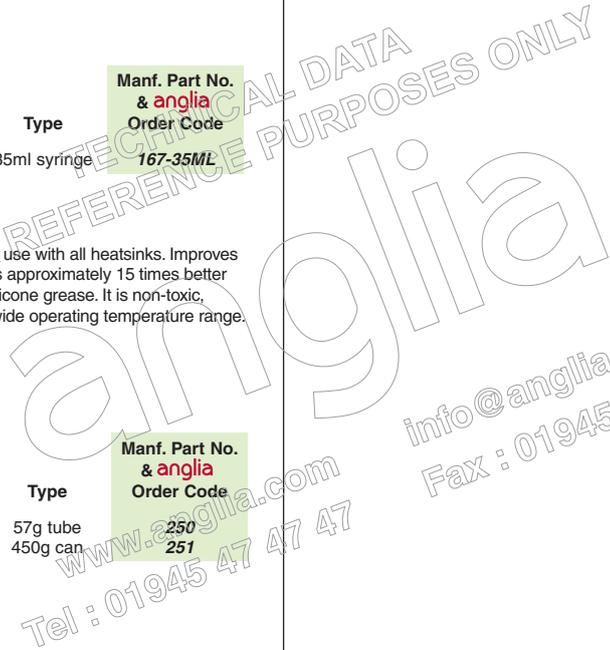
### Thermalcote™ II

Developed as a sensible **silicone-free** alternative to silicone-based thermal greases, Thermalcote II employs a highly conductive synthetic base fluid that enables the finished product to exhibit the same thermal characteristics as silicone-based products. The high lubricity of the base oil permits efficient application to semiconductor case and heatsink, and will effectively fill the microscopic air gaps on the metal-to-metal mating surfaces. It is non-toxic, extremely stable and neither cakes nor runs over the wide operating range. Choice of 57g jar or 450g can.

#### Specification

Colour ..... Blue  
 Thermal conductivity ..... 0.699W/m°C  
 Dielectric strength (1.27mm gap) ..... 7.9kV/mm  
 Specific gravity ..... 1.6  
 Operating temp. range ..... -40 to +204°C  
 Cleaning solvent ..... Mineral spirits or turpentine  
 Shelf life ..... Indefinite (unopened)

Type	57g jar	Manf. Part No. & Anglia Order Code
	450g can	350 351



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