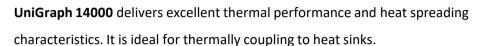
UniGraph 14000

Graphite Thermal Interface Material





UniGraph 14000 is graphite based and designed to thermally connect metal to metal surfaces that require no electrical isolation. **UniGraph 14000** will deliver consistent and repeatable thermal performance unlike grease. This provides a known and repeatable level of thermal conductivity which the application of grease is difficult to control.

Features

- Non-electrically isolating graphite thermal interface material
- Soft surfaces on both sides of the material work to reduce interfacial thermal resistance
- Excellent, no mess, alternative to thermal grease

Availability

- Standard thicknesses of 0.15mm / 0.5mm / 0.75mm
- Available as custom die-cut shapes and standard sheet sizes of 150mm x 150mm
- Can be supplied with an additional adhesive coating (A1) applied on one side and on a PET liner

Typical Physical Properties

Property (unit)	Test Method	UniGraph 14000
Colour	Visual	Black
Thermal Conductivity (W/mK)	ASTM D5470	14
Flammability Rating	UL94	V0

Benefits

- Consistent and repeatable thermal performance
- Cost effective thermal solution for a wide variety of applications that require no electrical isolation
- Easy to handle and apply
- Replaces messy to apply grease with no pump out or risk of drying out

Recommended Uses

- Thermally coupling metal backed PCBs to heatsinks. cold walls or nearby metal work
- Mounting an LED lighting module to a heatsink
- Automotive, power supply, motor drive and in applications where costs need to be kept to a minimum

Mechanical Information

Property (unit)	Test Method	UniGraph 14000
Hardness (Shore A)	ASTM D2240	80
Graphite Content (%)	-	99.5
Specific Gravity (g/cm³)	-	1.4



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