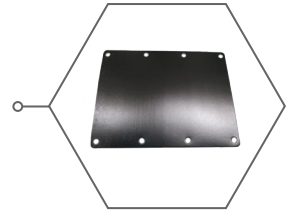


New Product Introduction

EYG-R Series GraphiteTIM (Compressible Type) PGS With Low Thermal Resistance

A New, Thicker PGS Graphite Sheet Thermal Interface Material Solution In 250 μm And 350 μm Thickness Options



Panasonic, a worldwide leader in Thermal Management Products, is pleased to introduce the **New Thicker EYG-R Series GraphiteTIM (Compressible Type) PGS With Low Thermal Resistance** Thermal Management material now available in 250 μm and 350 μm thickness options. An ideal Thermal Interface Material (TIM) solution, the **New EYG-R Series GraphiteTIM** material is designed with high compressibility characteristics to reduce contact thermal resistance between rough surfaces. The **New EYG-R Series GraphiteTIM** material is easy to install with a one-to-two-step process that requires much lower labor and installation costs than thermal grease.

Panasonic GraphiteTIM is a Graphite Sheet that is dedicated for use as a Thermal Interface Material. GraphiteTIM has very high compressibility compared to standard PGS, which reduces thermal resistance by following gap, warpage and distortion of targets/substrates. Excellent heat resistance and reliability of GraphiteTIM allows longer service life and higher performance of various components. Panasonic's GraphiteTIM is cost-saving, because it allows the reduction of existing Thermal Management application processes. Unlike grease, GraphiteTIM eliminates the need for the printing process, since it is a sheet-type product. Please contact Panasonic for custom-made GraphiteTIM products.

Features

- Low Thermal Resistance: 0.2 K-cm²/W (600 kPa)
- Compressibility: 40% or more (600 kPa)
- Z Direction Thermal Conductivity: 28W/m-K
- Operating Temperature Range: -55°C to 400°C
- RoHS Compliant

Benefits

- Available In Standard Sized Sheets
- Smooth Surface
- Broad Temperature Range For Strenuous Environment Applications
- Increased Heat Transfer Due To Better Fitting On Uneven Surfaces
- Good Heat Transfer From Heat Source To Heat Sink
- Facilitates Achieving Good Thermal Contact
- Simple Procedure For Installation
- Reduction In Labor Costs Due To Easy Installation
- No Deformation Over Time
- Low Maintenance

Industries

- Automotive
- Power Supply
- DC / DC
- Base Station, Server

Applications

- Power Supply Inverter
- DC / DC Converter
- Automotive Camera, Motor Control, LED
- Base Station, Server Supplies