

NASBIS Type P Insulating Sheets

A New Heat Isolating Thermal Protection Material Available From Panasonic!

Just Don't Spread Heat ... Isolate It With NASBIS!



Panasonic, a worldwide leader in Thermal Protection Products, is pleased to introduce the **NEW “NASBIS” Type P Insulating Sheets**. The **NEW “NASBIS” Type P** has a thicker polyester tape lamination of 30 μ m (instead of 10 μ m). This allows for increased durability and protection.

“NASBIS” stands for Nano Silica Balloon Insulator Sheet. This new addition to Panasonic's line of Thermal Management solutions is a thin, flexible Nano-Silica heat insulation material composed of silica aerogel and polyester fiber that has high thermal isolative properties. The thermal conductivity of **NASBIS** is lower than that of air, making it a very attractive material for heat insulation. **NASBIS Sheets** protect thermally weak products from heat and works to maintain a uniform temperature throughout a device.

When combined in a stack with Panasonic's Pyrolytic Graphite Sheet or PGS, **NASBIS** Insulating Sheets enable the control of heat direction. This proprietary composite material provides greater heat insulating performance.

Features

- Increased Durability and Protection
- Low Thermal Conductivity: 0.014 – 0.02 W/m · K.

- Both Thin and Flexible
- Thicknesses Range from 100µm to 1,000µm
- RoHS and REACH Compliant

Benefits

- Easily Bent and Used in Narrow Spaces
- NASBIS Sheets Are Covered With Polyester (PET) Tape and Offered With Adhesive
- NASBIS / PGS Composite Stacks Provide Optimal Thermal Management Solutions

Industries

Lighting

Power

Audio / Visual

Aerospace

Applications

Wearable Devices

LED Modules and Drivers

Micro Inverters, IGBT Modules

Radio Devices

Notebook and Tablet PCs

Satellites, Cameras