



Made in USA

Heat Shield (R10SG) *Technical Specifications* **IGDB ID: 1708⁽¹⁾**

Heat Shield is a popular choice for office windows where staff is experiencing discomfort from direct sunlight and, due to the glare, are unable to view a computer screen and undertake their work. Heat Shield blocks 80% heat and 94% glare to provide an outstanding heat and glare solution.

Please Note: This film is very dark and is not recommended for installation in situations where artificial lighting is not used.

Product Specifications

Visible Light Transmission	5.6%
Visible Light Reflectance	48.0%
Ultraviolet Light Transmission	<1%
U-Value Summer	5.06
Solar Heat Gain Coefficient	0.23
Shading Coefficient	0.27
Infrared Rejection	90.5%
Solar Energy Transmission	10.0%
Solar Energy Reflectance	45.0%
Solar Energy Absorption	45.0%
Total Solar Energy Rejected	77.0%

Substrate

Mitsubishi N5 Series

Thickness

1.5 mil

Method of Coating

Metallized Evaporative Coating

Mounting Adhesive

Acrylic Pressure Sensitive

Hard Coat

Patented scratch resistant coating designed to meet the most exacting performance standards.

NOTES (1) IGDB is the International Glazing Database maintained by the US Department of Energy.

As a consumer protection all performance data and energy efficiency claims must be independently tested and verified before a product can be listed on the IGDB.

The Building Code of Australia requires that new buildings in Australia achieve minimum energy efficiency standards and uses the Windows Energy Rating Scheme (WERS) to rate the performance of glazing and window films. Window films must be listed on the IGDB to obtain a WERS in Australia.

* Solar Specifications testing performed on film mounted to 3mm clear glass. Test, equipment and methods according to ASTM, ANSI and NFRC standards. Calculations performed using US Dept of Energy Lawrence Berkeley Lab's "Windows 5.2" program. Values expressed hereof are typical and for comparative purpose only. Performance data will vary with processing conditions.