



# TECHNICAL DATA SHEET

## BRONZE 25%

WF-HPF-013

### Product Description

RA Series is a combination of dyed film and metallic film laminated together. This is a double ply film specially designed to provide higher heat rejection and to be highly energy efficient, without compromising on light transmission.

### Information

Visual Light Transmission	27
External Reflection	34
Internal Reflection	26
Solar Transmission	25
Solar Rejection	33
Total Solar Heat Absorption	42
UV Transmission	<1
UV Rejection	>99
Total Solar Energy Rejection	64
Shading Coefficient	0.42
Solar Heat Gain Coefficient	0.36
Luminous Efficacy	0.64
Emissivity	0.73
U Value	1.09
Glare Reduction	70

**Disclaimer-** All values as applied to 1/8th inch clear plate glass. Test are representative of actual production and may vary from batch to batch. The performance data reported on this page was tested using ASHRAE, ASTM, BSEN 410 & AIMCAL Standards. Unit for U Value – BTU/hr/Sqft

### Terminology

- Total Solar Energy Rejection** – measures the film’s ability to keep infrared heat, UV rays and visible light from entering the living area. The higher the number, the more comfortable you should be.
- **Visible Light Transmission** – measures how light or dark the film is. The lower the number, the darker the film. A film with a 49% light transmission provides an excellent balance of glare reduction and visibility.
  - **Visible Light Reflectance** – measures the percentage of visible light that is being reflected by the window film. The higher the number, the shinier the appearance of the film.
  - **UV Rejection** – measures how much of the ultraviolet A and B rays the film blocks when applied to glass. UV rays contribute to premature fading of draperies, furniture, flooring and other home decor items.
  - **Shading Coefficient** – measures the net benefits of a window treatment to reduce heat gain. Utility companies often endorse films with a shading coefficient of .50 or lower.
  - **Solar Heat Gain Coefficient** – The ration of the total solar heat passing through a given window product relative to the solar heat on the window surface. Lower the number, the better the film is at reducing the heat.