



# Performance Specifications



| Film Name    | Shading Coefficient | % Glare Reduction | % Heat Reduction | % Total Solar Energy Rejection | % Solar Reflect | % Solar Absorb | % Solar Trans | %Visible Light Reflection (Exterior) | %Visible Light Trans | % UV Reject (up to) | % Infrared Rejection | Luminous Efficacy | Emissivity | "U" Factor |
|--------------|---------------------|-------------------|------------------|--------------------------------|-----------------|----------------|---------------|--------------------------------------|----------------------|---------------------|----------------------|-------------------|------------|------------|
| Nova 50      | 0.45                | 43.1              | 52.5             | 60.9                           | 35.4            | 34.1           | 30.5          | 34.6                                 | 50.1                 | 99.0                | 83.4                 | 1.11              | 0.68       | 0.94       |
| Signature 60 | 0.74                | 32.1              | 22.0             | 35.6                           | 8.2             | 38.6           | 53.2          | 10.3                                 | 59.8                 | 99.0                | 45.3                 | 0.81              | 0.86       | 1.04       |
| Signature 35 | 0.51                | 62.2              | 46.2             | 55.6                           | 14.7            | 56.8           | 28.5          | 19.2                                 | 33.3                 | 99.0                | 70.8                 | 0.65              | 0.83       | 1.03       |
| Silver 60    | 0.66                | 34.3              | 30.4             | 42.6                           | 11.9            | 43.4           | 44.7          | 13.6                                 | 57.9                 | 99.0                | 64.8                 | 0.88              | 0.82       | 1.02       |

Performance data is based on film applied to 1/4" clear, monolithic, annealed glass.

| Film Name                  | Thickness (mils) | Plys | Peel Strength | Break Tensile | Elongation at Break | Abrasion Resistance | Ft/lbs of Energy |
|----------------------------|------------------|------|---------------|---------------|---------------------|---------------------|------------------|
| GG Signature 35 (4 mil) ** | 4.0              | 2    | 5-7           | 125.0         | >150%               | <5%                 | 55.0             |

Performance data is based on film applied to 1/4" clear, monolithic, annealed glass. \*\* Meets ANSI Z97.1 Unlimited Impact.

| Film Name               | Shading Coefficient | % Glare Reduction | % Heat Reduction | % Total Solar Energy Rejection | % Solar Energy |        |       | %Visible Light        |       | % UV Reject (up to) | % Infrared Rejection | Luminous Efficacy | Emissivity | "U" Factor |
|-------------------------|---------------------|-------------------|------------------|--------------------------------|----------------|--------|-------|-----------------------|-------|---------------------|----------------------|-------------------|------------|------------|
|                         |                     |                   |                  |                                | Reflect        | Absorb | Trans | Reflection (Ext /Int) | Trans |                     |                      |                   |            |            |
| GG Signature 35 (4 mil) | 0.57                | 52.7              | 39.9             | 50.4                           | 13.5           | 53.0   | 33.5  | 16.4 / 13.5           | 41.7  | 99.0                | 71.5                 | 0.73              | 0.78       | 0.97       |