

## Decorator Neutral 33 - Sun-Gard Architectural Films

Product Code: RLW 150 DN 33

Type: Aluminum/Dye Hybrid

Color: Neutral



| 1/4 inches = 6 mm                    | Shading<br>Coeff. | SHGC | Total<br>Solar<br>Energy<br>Reject | Solar<br>Reflect | Solar<br>Absorb | Solar<br>Transmit | Visible Light<br>Reflect Ext/Int | Visible<br>Light<br>Transmit | Infrared<br>Rejection | Luminous<br>Efficacy | U.V.<br>Trans. | Emissivity | "U"<br>Value | Heat<br>Reduction | Glare<br>Reduction |
|--------------------------------------|-------------------|------|------------------------------------|------------------|-----------------|-------------------|----------------------------------|------------------------------|-----------------------|----------------------|----------------|------------|--------------|-------------------|--------------------|
| <b>1/4" Clear Single Pane</b>        | 0.47              | 0.40 | 59.10%                             | 20.10%           | 53.60%          | 26.30%            | 16.4%                            | 29.60%                       | 76.50%                | 0.63                 | <1%            | 0.69       | 0.95         | 50.40%            | 66.40%             |
| <b>1/4" Tinted Single Pane</b>       | 0.40              | 0.34 | 65.20%                             | 9.00%            | 77.20%          | 13.80%            | 6.9%                             | 14.40%                       | 87.30%                | 0.36                 | <1%            | 0.68       | 0.94         | 41.20%            | 68.30%             |
| <b>1/4" Double Pane Clear/Clear</b>  | 0.55              | 0.48 | 52.20%                             | 19.30%           | 60.00%          | 20.70%            | 20.9%                            | 26.40%                       | 82.70%                | 0.48                 | <1%            | 0.69       | 0.47         | 32.20%            | 66.20%             |
| <b>1/4" Double Pane Tinted/Clear</b> | 0.39              | 0.34 | 66.10%                             | 8.80%            | 79.50%          | 11.80%            | 8.6%                             | 13.60%                       | 90.50%                | 0.35                 | <1%            | 0.69       | 0.47         | 26.40%            | 66.20%             |

### Summary of Seasonal Conditions:

### Mild Winter

Temperature Inside

68 F / 20.0 C

Temperature Outside

45 F / 7.2 C

Solar Intensity

0 Btu/hr-ft<sup>2</sup>

Wind Velocity

15 MPH / 9 KPH

Shading Coefficient calculated under SUMMER DAY conditions.

"U" Value calculated under MILD WINTER conditions.

"U" (Wm)

### Notes:

1. Performance results were generated from testing film applied to 1/4" monolithic, annealed glass. Results have been calculated using the Lawrence Berkeley Lab's "Windows 5.2" software program. Tests, equipment and methods are in accordance with ASTM and NFRC standards. Performance results are subject to variations within industry standards.

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