

Safety & Security Series



iQUE™ by V-KOOL Safety & Security window films is designed to enhance the capability of window glass to withstand impact and raises the shatter-resistance level of glass to a higher degree and helps hold it together when damage occurs.

| | % Visible Light Transmission | % Visible Light Reflectance (Glass) | % Visible Light Reflectance (Film) | % Ultraviolet Rejection* | % Total Solar Energy Rejection | Luminous Efficacy | Solar Heat Gain Coefficient | Shading Coefficient | Emissivity | U-Value Btu/(hr.ft ² .°F) | Glare Reduction | % Total Solar Energy Transmitted | % Total Solar Energy Reflected (In the Front Side) | % Total Solar Energy Absorbed | % Total Solar Energy Reflected (In the Back side) |
|--|------------------------------|-------------------------------------|------------------------------------|--------------------------|--------------------------------|-------------------|-----------------------------|---------------------|------------|--------------------------------------|-----------------|----------------------------------|--|-------------------------------|---|
| Solar Control Safety & Security | | | | | | | | | | | | | | | |
| SS400/73 | 71.0 | 9.0 | 9.0 | 99.0 | 54.0 | 1.34 | 0.46 | 0.53 | 0.82 | 1.03 | 0.21 | 37.0 | 31.0 | 32.0 | 37.0 |
| Safety & Security | | | | | | | | | | | | | | | |
| CS200/83 | 90.0 | 10.0 | 10.0 | 95.0 | 14.0 | 0.91 | 0.86 | 0.99 | 0.90 | 1.07 | 0.00 | 84.0 | 9.0 | 7.0 | 9.0 |
| CS400/38 | 36.0 | 22.0 | 19.0 | 99.0 | 55.0 | 0.68 | 0.45 | 0.52 | 0.85 | 1.05 | 0.61 | 31.0 | 21.0 | 48.0 | 20.0 |
| CS400/83 | 89.0 | 10.0 | 10.0 | 99.0 | 15.0 | 0.91 | 0.85 | 0.98 | 0.89 | 1.07 | 0.01 | 83.0 | 9.0 | 8.0 | 9.0 |
| CS800/83 | 88.0 | 11.0 | 11.0 | 99.0 | 16.0 | 0.92 | 0.84 | 0.96 | 0.90 | 1.07 | 0.02 | 81.0 | 10.0 | 9.0 | 10.0 |

Based on data obtained during product development and is subject to change.

Data captured using NFRC guidelines and calculated for single pane, 3mm clear glass. Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties.

*Measured at 300nm - 380nm

DUAL SOLAR
& SAFETY
PROTECTION



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