greenlite™

# Weatherization and Insulation - NANO CERAMICS TINTED WINDOW FILM

Reduce solar heat gain through windows and help lower air-conditioning energy use.
Nano ceramic film for homes and commercial buildings comes in three tints to balance daylight and shading.

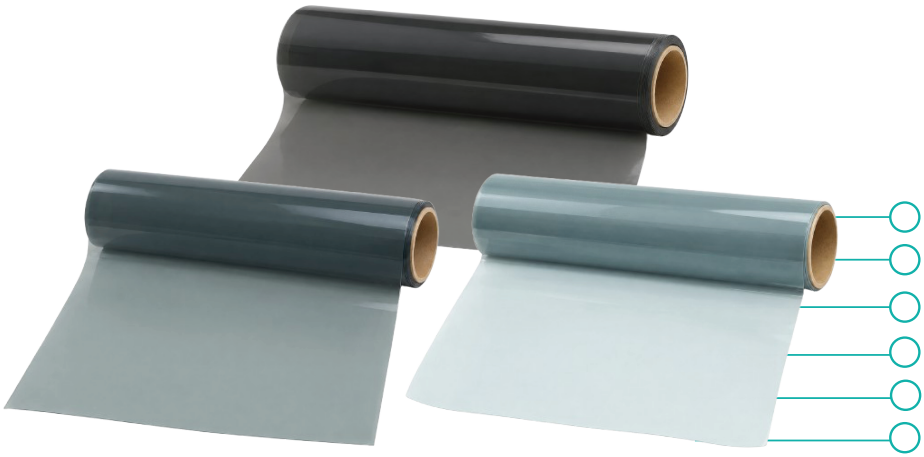
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Film Structure** | Scratch-resistant coating / Nano ceramic metallized polyester |
| **Application** | Residential and commercial windows |
| **Color Options** | Light Grey, Smoky Grey, Charcoal |
| **Pre-cut sizes** | 24" × 78.7" (window) |
| **Viewing type** | Non-reflective Two-way view |
| **Thickness** | 2.0 mil (approx. 50 µm) |
| **Adhesive type** | Optically Clear PSA (Pressure Sensitive Adhesive) |
| **Release liner** | High-Transparency Protective PET Liner |

## DETAILED DIMENSIONS





## FEATURES

- Metalized ceramic construction
- Three tint levels, from darker to lighter
- UV and infrared rejection across all three
- DIY pre-cut sheets
- Zero signal interference
- Dye-free, non degrading construction

## OPTICAL & THERMAL PERFORMANCE

| MODEL CODE / TINT | VISIBLE LIGHT TRANSMISSION | ULTRAVIOLET REJECTED | INFRARED RAY REJECTION | UV REJECTION STANDARD | TOTAL SOLAR ENERGY REJECTED | GLARE REDUCTION | IR ENERGY REJECTION |
|---|---|---|---|---|---|---|---|
| **WX/WF/35PL** Charcoal | 32.5% | 99.8% | 89.0% | > 99.0% | 58.6% | 63.9% | 68.5% |
| **WX/WF/50PL** Smoky Grey | 52.3% | 99.6% | 99.0% | > 99.0% | 56.8% | 41.9% | 76.2% |
| **WX/WF/75PL** Light Grey | 73.7% | 98.1% | 83.9% | > 98.0% | 44.5% | 18.1% | 58.0% |

TEST STANDARDS & METHODS: NFRC 100/200, ASTM E903, ISO 9050 and IWFA. TSER is calculated on 3 mm clear glass (TSER = 1 – SHGC).
Glare reduction is calculated against 90% clear-glass VLT. IRER covers 780–2500 nm; UVR is tested over 300–380 nm.

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