



HIGH PERFORMANCE WINDOW FILMS

~PROVIDING SECURITY & COMFORT~

SOLAR CONTROL & PRIVACY FILM

Low-E Reflective Silver 20

Maximum Summer Heat Rejection & Winter Heat Retention

High Performance Window Films' **Low-E Reflective Silver 20** delivers maximum **solar heat rejection** in summer, **reduces winter heat loss**, and provides excellent daytime privacy - the ultimate year - round energy-saving solution.

FEATURES & BENEFITS

◆ Key Features:

- ✓ Excellent solar heat and glare rejection
- ✓ Low-emissivity (Low-E) technology
- ✓ Reflective daytime appearance for privacy
 - ✓ Quick, retro-fit installation
 - ✓ Blocks 99% of UV rays

Key Benefits:

- ✓ Reduces discomfort caused by excessive heat and glare
 - ✓ Helps lower cooling costs and carbon footprint
 - ✓ Provides **daytime one-way privacy** from outside looking in
 - ✓ Ideal alternative to costly and disruptive window replacements
 - ✓ Helps prevent fading of interior furnishings due to UV exposure
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Where to Use:

 **Conservatory Roofs** – Cuts extreme summer heat and winter heat loss

 **Office Buildings** – Maintain privacy without sacrificing natural light.

 **Residential Homes** – Enhance comfort, security, and energy efficiency.

 **Healthcare Facilities** – Reduce glare and UV exposure in patient areas.

 **Retail Spaces** – Improve storefront security and climate control.



PERFORMANCE DATA


Property	Value
Solar Energy Transmitted	10%
Solar Energy Reflected	50%
Solar Energy Absorbed	40%
Visible Light Transmitted	16%
Visible Light Reflected (Interior)	62%
Visible Light Reflected (Exterior)	55%
UV Rejection	99%
Glare Reduction	82%
Shading Coefficient	0.25
Solar Heat Gain Coefficient (G-Value)	0.22
Emissivity	0.38
Total Solar Energy Rejected	80%
Product Warranty	10 years

FILM TO GLASS U-VALUE IMPROVEMENT (W/m²K)


Glass Structure	Without Film	With Film	Improvement
4mm Clear Single Pane	5.8	4.4	24% better
4mm Clear / 12mm Air Gap / 4mm Clear	2.9	2.3	21% better
4mm Clear / 12mm Argon Filled / 4mm Low-E	1.5	1.3	13% better

Installation & Usage


- ✓ Designed for **interior application** on glass surfaces
- ✓ Provides **daytime privacy** while allowing natural light to enter
- ✓ Low-E coating helps retain interior warmth in winter

 **GET A FREE CONSULTATION TODAY!** Speak with one of our specialists to **find the perfect film for your space.**

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 *Upgrade your windows today with High Performance Window Films for enhanced security, privacy, and solar protection!*