

Colorado Window Tint Pros

ARTIFICIAL TURF PROTECTION & PERFORMANCE EXPECTATIONS

Reflect Protect™ by SOLYX | Reflect Guard™ by ASWF

****IMPORTANT PRODUCT NOTICE****

Reflect Protect™ by SOLYX and Reflect Guard™ by ASWF are designed to reduce the intensity of concentrated sunlight reflected from windows onto artificial turf. These products can significantly reduce the likelihood of turf overheating, melting, discoloring, shrinking, or experiencing other heat-related damage.

However, turf protection film is not a 100% guaranteed solution. Reflected sunlight may still become hot enough to damage certain artificial turf products under extreme or unusual conditions. Performance will vary depending on the glass, window orientation, sun angle, outdoor temperature, turf material, turf age, infill, surrounding surfaces, and other environmental conditions outside the control of Colorado Window Tint Pros.

Turf protection film should be viewed as a risk-reduction solution, not an absolute guarantee against all artificial turf damage.

Understanding Reflected Heat

Key Material Thresholds

Material	Melting Point	Damage Threshold
Polyethylene (PE)	230–270°F	160–180°F
Polypropylene (PP)	320–340°F	180–220°F

Material	Melting Point	Damage Threshold
Nylon	420–500°F	300°F+

Turf Type	Typical Heat Resistance	Burn Risk
Premium Polyethylene Turf	★★★★★	● LOW
Residential Landscape Turf	★★★★☆	● LOW–MEDIUM
Pet Turf	★★★★☆	● MEDIUM
Sports Turf	★★★★☆	● MEDIUM
Dense Commercial Turf	★★★☆☆	● MEDIUM–HIGH
Nylon Turf	★★★☆☆	● HIGH
Older / Weathered Turf	★★★☆☆	● HIGH

Note: This chart represents typical industry performance. Actual heat resistance varies by turf manufacturer, blade composition, infill material, color, age, and installation method.

Sunlight can reflect from certain windows and become concentrated onto one area of artificial turf. As the sun moves throughout the day and throughout the year, the location, duration, and intensity of the reflection may change.

Turf Burn-Risk Guide

Low Burn Risk	Medium Burn Risk	High Burn Risk
• Turf manufactured for higher heat exposure• Lighter-colored fibers• Heat-resistant/cooling infill•	• Standard residential landscape turf• Pet turf• Sports/recreational turf•	• Older/weathered turf• Dark-colored turf• Nylon turf• Long periods of reflection• Close to Low-E windows•

Low Burn Risk	Medium Burn Risk	High Burn Risk
Short reflection exposure• Additional shade present	Moderate reflected sunlight• Average heat tolerance	Surrounded by heat-retaining materials (concrete/stone)

This chart is intended only as a general educational guide. Actual turf heat tolerance varies by manufacturer, fiber type, color, backing, infill, age, condition, and installation method.

What the Film is Designed to Do

- Reduce concentrated reflected sunlight
- Reduce reflected heat reaching artificial turf
- Lower the likelihood of melting, discoloration, shrinking, or distortion
- Provide added protection near reflective windows
- Help reduce risk as part of a complete heat-mitigation plan

Important Limitations

- The film cannot eliminate all reflected heat
- The film cannot guarantee turf will never become damaged
- Seasonal sun angles and weather conditions will change
- Turf products have different heat tolerances
- Other windows or reflective surfaces may also contribute to heat exposure
- Future landscaping, construction, or property changes may affect performance

Our Commitment

Colorado Window Tint Pros professionally installs industry-leading turf protection films designed to reduce the risk of damage from reflected solar heat. We carefully evaluate each property and recommend the most appropriate available product based on the visible conditions at the time of the estimate. Our goal is to provide meaningful protection while clearly communicating the capabilities and limitations of the product.

Colorado Window Tint Pros | Residential & Commercial Window Film Specialists |
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