



International Specifications

GUARANTEED WHITE: Unlike UV coating or other commercial bird collision prevention solutions, CollidEscape Guaranteed White offers a performance rating that is measured in decades, combined with guaranteed bird strike elimination - it is the best all-around solution on the market. Similar products exist in the graphics industry, but we have engineered CollidEscape White specifically for collision, performance, reflection reduction, and energy-saving properties. *Can be custom-tinted or imaged for additional aesthetic enhancement.*

Features include:

- Stiff - for ease of installation
- Extra UV inhibitors - to provide over a decade of performance free from yellowing and cracking
- Repositionable adhesive - for ease of installation
- Permanent and Removable - designed to last for years, but easily removed at end-of-life

Additionally, CollidEscape can be retrofitted onto existing window surfaces, so costly pane replacements for bird strike prevention are a thing of the past.

Performance Rating	Physical Specifications	
120 Months*	Construction:	Dimensionally stabilized high-performance white Imageable or tinted cast vinyl with black back, optically clear solvent adhesive (heat & mild solvent [citrus] removable) with substantial paper liner
Field test: 160 months**	Base Weight:	1.15 oz./ft ² (348 g/m ²)
	Hole Diameter:	0.065 in(1.66mm)
	Hole Pattern:	60/40* ^a
	Thickness:	7.3 Mil +/- 10%
	Rolled Shelf life:	12 months, at constant humidity <55% & temperature between 60-75°F (15-24°C)
Standard Available Sizes* ^b		
Finished Roll Size	Core	Liner Side
60"(1.52m) x 164' (50m)	3"	Liner in / CollidEscape face out

*Degradation is affected by solar radiation, photocatalytic admixtures, water and moisture, chemicals, oxygen, ozone, temperature, abrasion, internal and external stress, and pigment fading. Out of all these, the following factors, all present in outdoor weathering, are the most important to coating degradation: oxidation and UV radiation.

CollidEscape contains a proprietary combination of antioxidants, thermostabilizers, & photostabilizers which reduce chalking, while increasing stability, stiffness, and UV resistance. Because it is almost impossible to rank the degenerative power of temperature, moisture, and UV radiation or their combination, a performance rating is offered, based on both real-world and accelerated aging testing. As a general rule of thumb, the less custom and UV coatings within the applied glass, the less reflected energy back onto the CollidEscape via unobstructed light passing through perforations in the glass, resulting in improved life performance.

** as of 8/1/2019 - 50% solar annum, unencumbered vertical northern, western, and eastern exposure at 42° latitude, 6 unique regional exposure locations

*^a 60% material, 40% hole, providing the greatest structural integrity for longer material integrity performance

*^b Custom sizes available upon request. Minimum orders apply.



Guarantee:

Bird strike reduction or elimination is a function of the disruption of the surface reflection that birds see on a pane of glass, which they perceive as a continuation of their environment. All solutions that CollidEscape provides or recommends are all based on this simple fact: Reflections kill, and disruption of the reflection is the only effective way to prevent bird strikes in all window and glass applications reliably.

The Guaranteed performance solutions are full-surface disruption of the reflection of glass, covering the entire exposed area of glass and thereby disrupting the visual continuation of the local environment, eliminating the birds' strike path. As long as the surface reflection remains disrupted, the performance of bird strike elimination is maintained. This guaranteed performance of strike elimination is maintained for the life of the product, for as long as it is properly adhered to the external glass surface.

Exceptions to the Guaranteed - The Guaranteed solutions are just that - guaranteed to stop all bird deaths from bird strikes. There are some rare exceptions that one should be aware of (if unsure, speak to one of our technical experts)

Mirrored Glass - Under some lighting conditions, highly reflective mirror glass can still allow for birds attempting to fly through the pane. Highly unusual to have a true mirror coating on glass, and this is NOT typical or an issue for most commercial reflective UV-coated glass.

Corner Glass - Under some lighting conditions, tight cornered mullion glass can still allow for birds attempting to fly through a set of backlit corner panes. Has only occurred on corner mullions less than 18" wide, and along migratory path conditions in taller construction (several stories up)

Crows and Ravens - and sometimes blue jays, if you have birds picking at mullions, gasketing, stucco and the like, they are also clever enough to pick at and even destroy CollidEscape Window coatings - there are some work-arounds, but little can prevent a bored and clever bird from causing havoc, and product removal by wildlife can not be protected under performance guarantees.

High-Performance Pattern offerings (both dots and tapes) - These are collision reduction solutions, and work to reduce bird strike fatality by providing visual disruptions to the reflective glass surface. They are most effective when installed at a sufficient density to cause birds to slow and/or evade the reflective obstruction pattern. The pattern solutions work by taking advantage of birds' natural tendency to lift their head to navigate obstructions, causing them to either avoid the vertical obstruction completely, or so, at a minimum, both reduce approach speed and encourage impact to occur with the chest area. Striking glass with the muscle-dense breast area is a far more survivable impact (bird deaths from glass typically result from broken necks or skull/beak damage, resulting in starvation). Patterns will not eliminate all strikes, but the greater the density of the pattern, the greater the likelihood of outright avoidance and survival should impact occur (Reference the field-tested reduction percentages quoted for each variation of material and pattern density).

Custom tint or imaged offerings - The base film performance is unaffected by our offered additional premium tinting or imaging solutions. Note that aesthetic variance for color or imagery are not covered under the performance specifications, and can vary depending on color, location, exposure and tolerances.