

Avery Dennison®

Poly Architectural Window Films



Reduces heat gain while protecting plastic glazing from UV damage and vandalism



Solar



Safety

Poly Window Films from Avery Dennison®

A sustainable answer to upgrading plastic glazing

Plastic glazing is everywhere. And it's no wonder why - it's transparent, lightweight and sturdy. Plastic glazing can be the perfect substrate for roofing, skylights, walkways and high-traffic public spaces.

Just like glass, polycarbonate or PMMA glazing often requires upgrading — for solar control to reduce energy consumption and enhance comfort and for protection against vandalism and everyday wear and tear to protect your investment.

Our Poly window film is an ideal solution for upgrading plastic glazing. Our window film R&D team has developed an innovative formulation for bubble-free* installation to rigid plastic glazing, with a unique, clean-removal adhesive that helps to maintain plastic in pristine condition. When professionally installed on the exterior of existing polycarbonate or PMMA glazing, Poly window films protect glazing from scratches and can dramatically increase occupant comfort and productivity by reducing heat buildup, glare and carbon footprint. When applied on external side of plastic substrates, Poly products extend the surface's lifetime.

The Poly film product range includes two product categories for clear protection or solar control

Surface Protection Poly Window Films

These clear films help to protect plastic substrates from bus shelters to acoustic barriers against scratches, discoloration, graffiti and everyday wear and tear.



Clear 4 & 6 mil Poly X™

Help protect polycarbonate and acrylic glazing against scuffing, yellowing and premature aging. The special surface coating protects from vandalism with:

- > Wipe-clean surface that repels most spray, paint, acid and pen
- > Sacrificial film for clean and easy removal that helps protect against etching and gouging

*See the Avery Dennison Poly Film Installation and Maintenance Guide for complete details.

Solar Control Poly Window Films

Two high-performance, silver films provide a sustainable building solution that reduces glare and heat buildup in malls, walkways, warehouses, hotels, etc., resulting in an improved environmental profile, enhanced occupant productivity and comfort.



R Silver 20X Poly™

Solar control has been designed especially for vertical or steeply sloped plastic glazing that provides:

- > 82%** glare reduction for a pleasant, dazzle-free interior
- > 99%** UV block helps prevent fading and damage to interior furnishings
- > 81%** solar energy rejected dramatically reduces heat buildup while cutting cooling costs and carbon footprint
- > Convenient, non-disruptive, exterior installation
- > Specially designed with durable hard coat delivering scratch-free surface maintenance

R SkyLite 20 XTRM Poly™

Long durability solar control film has been designed for exterior installation on flat, curved and sloped rigid plastic roofing applications delivers:

- > Solar performance of R SkyLite 20 XTRM window film
- > Carries a limited warranty of up to 10 years***
- > Convenient, non-disruptive, exterior installation
- > XTRM™ window films are only available from Avery Dennison® XTRM™ certified installers

Poly Window Film Advantages

- > bubble-free* compatibility with most polycarbonate and PMMA rigid plastic substrates
- > Non-disruptive, convenient exterior installation

Clear Protection Advantages

- > Anti-graffiti and daily wear and tear protection helps safeguard expensive plastic surfaces
- > Film helps to extend the life of substrate glazing
- > Clean and simple removal that does not leave residue

Solar Control Advantages

- > Exceptional solar control provides comfort from solar heat gain, glare, while reducing energy costs and environmental impact
- > Limited warranty of up to 10 years*** for XTRM product line

**Performance results are calculated on 1/8" glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards. Performance calculations should only be used for estimating purposes.

***See warranty for complete details: <http://graphics.averydennison.com/en/home/graphics-products/window-films/architectural-window-films.html>



UV Block



Lower heat gain



Light control



Aesthetics

About Avery Dennison

Avery Dennison Corporation (NYSE: AVY) is a global materials science and manufacturing company specializing in the design and manufacture of a wide variety of labeling and functional materials. The company's products, which are used in nearly every major industry, include pressure-sensitive materials for labels and graphic applications; tapes and other bonding solutions for industrial, medical and retail applications; tags, labels and embellishments for apparel; and radio-frequency identification (RFID) solutions serving retail apparel and other markets. Headquartered in Glendale, California, the company employs approximately 30,000 employees in more than 50 countries. Reported sales in 2018 were \$7.2 billion. Learn more at www.averydennison.com.

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