



# R SkyLite 20 XTRM™ Exterior Window Film

Transparent, long lasting and sustainable solar control for roof glazing



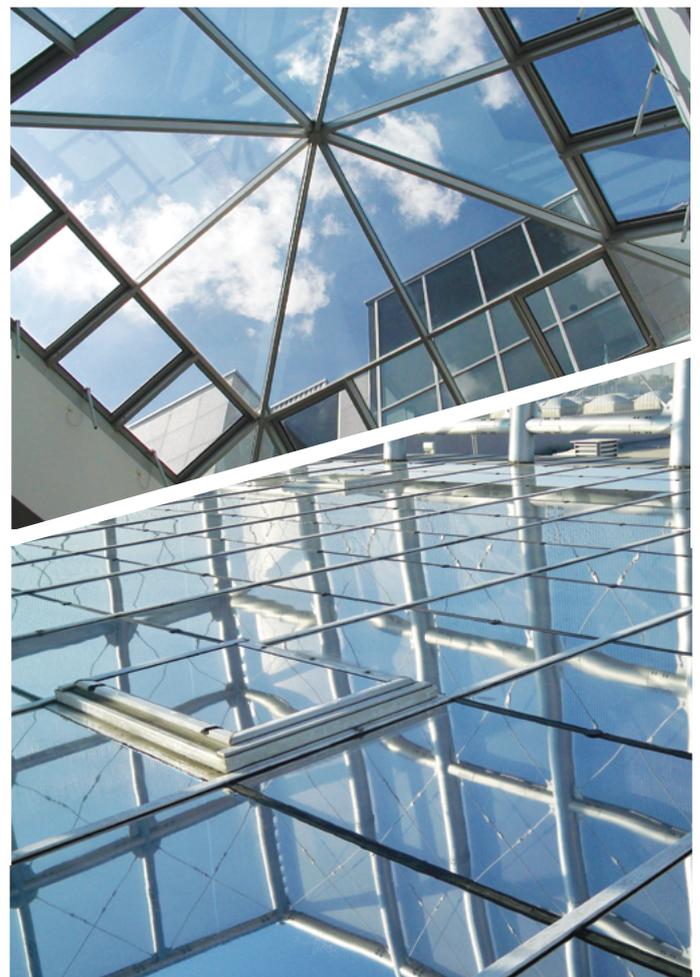
Solar

Sunshine on roof glazing can cause extreme heat build-up, glare and excessive air-conditioning which increases carbon emissions. Reflective sustainable solar control film by Avery Dennison® is a cost-effective solution that reduces a building's environmental impact and lowers heat gain and glare by over 80%.

## R SkyLite 20 XTRM



Specifically engineered to withstand demanding horizontal and sloped exterior roof applications. Based on a flexible and resilient metallized polymeric film, **R SkyLite 20 XTRM** has a pressure sensitive adhesive system for exterior application on glass, while **R SkyLite 20 XTRM Poly™** is the equivalent product designed for exterior adhesion to rigid plastic window systems. Our XTRM™ skylight window films dramatically reduce energy usage and carbon footprint by limiting heat buildup and air conditioner work load even during peak demand hours. The long product service life and high levels of efficiency of our window films provide fast payback, and continued energy savings and comfort, backed with a limited warranty of up to 10 years\*.



XTRM Skylight films are ideal for shopping malls, conservatories, walkways, pool enclosures and stadiums.

\*See warranty for full details: [graphicsap.averydennison.com/en/home/graphics-products/architectural-films.html](https://graphicsap.averydennison.com/en/home/graphics-products/architectural-films.html)



Graphics Solutions



UV Block



Lower heat gain



Light control



Aesthetics

## Features & Benefits

- > Sustainable building solution that reduces your building's environmental impact
- > Transparent, maintains view
- > Outstanding limited warranty up to 10 years\*
- > Up to 84% heat and glare rejection for comfort and excellent energy savings
- > Fast payback and attractive ROI
- > 99.9% UV protection
- > Compatible with most glass glazing systems
- > Accessible exterior installation
- > Compatible with most rigid plastic substrates (R SkyLite 20 XTRM Poly only)
- > Extends lifetime of the plastic substrate and inhibits its aging (R SkyLite 20 XTRM Poly only)

Optical and Solar Properties**	R SkyLite 20 XTRM		R SkyLite 20 XTRM Poly
Item Number	R157X15		R157X5P
Pane	Single	Double	Single
Visible Light Transmitted	15%	14%	15%
Visible Light Reflected (Interior)	63%	65%	63%
Visible Light Reflected (Exterior)	66%	66%	66%
Ultra Violet Block	99.9%	99.9%	99.9%
Total Solar Energy Reflected	64%	66%	64%
Total Solar Energy Transmitted	10%	10%	10%
Total Solar Energy Absorbed	26%	24%	26%
Emissivity (Room Side)	0.84	0.84	0.84
Glare Reduction	84%	83%	84%
Selective InfraRed Reduction (SIRR)***	92%	92%	92%
InfraRed Energy Reduction (IRER)****	85%	85%	85%
Shading Coefficient	0.20	0.16	0.20
Solar Heat Gain Coeff. (G-Value)	0.17	0.14	0.17
U-Value Winter (IP)	1.03	0.48	1.03
U-Value Winter (SI)	5.85	2.71	5.85
Luminous Efficacy	0.72	0.89	0.72
Total Solar Energy Rejected (%)	83%	86%	83%

Correct installation procedures are vital for maximum longevity. We offer complete, professional training for certification of window film experts qualified to install XTRM exterior films. Products are available exclusively to Avery Dennison XTRM certified installers.

XTRM films require edge sealing

\*\*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.

\*\*\*SIRR - The percentage of IR radiation that is not directly transmitted through a glazing system. Calculated as %SIRR = 100% - % Transmission (@780-2500nm).

\*\*\*\*IRER - The percentage of Near Infrared Energy Rejection as measured between 780-2500 nm. Calculated as the TSER over 780-2500 nm: %IRER = 100% - 100\*SHGC (@ 780-2500 nm).

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### 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](http://www.averydennison.com).



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