

# Spectrally Selective Interior Films

See the light, feel the difference



Solar

Avery Dennison's Spectrally Selective interior window films are ideal for application on residential buildings, museums, historical and heritage buildings and commercial projects to effectively reduce solar heat gain and yet to preserve window transparency and maximize viable light transmission.

**Spectrally Selective films present an energy-saving choice that protects interiors from UV damage and fading, maintains interior comfort and compromises neither façade nor view.**

## SP e-Lite i WA PS

SP e-Lite i interior window films deliver excellent levels of heat rejection that maintain cool, comfortable interiors, whilst preserving the natural appearance of both the glass and the building exterior. The films' neutral color features low visible reflection inside and out, and effectively reduces excessive solar heat. Available in different VLT's, SP e-Lite i interior window films are compatible with all glass glazing window systems and are particularly popular in historical buildings, museums and residential projects.

This image has been simulated and is not actual product comparison



SP e-Lite 45i

SP e-Lite 70i

## Features and Benefits

- > High visible light transmission that is barely discernible on glass - high levels of natural daylight
- > High heat rejection for enhanced comfort and reduced cooling costs
- > Low reflectivity preserves views night and day
- > 99+% UV block reduces fading and damage from the sun
- > Natural appearance maintains building's original façade



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UV Block



Lower  
heat gain



Light  
control



Aesthetics

Optical and Solar Properties**	SP e-Lite 45i		SP e-Lite 70i	
Item Number	R081I4W / R081IS4 PS		R081ISW / R081IS7 PS	
Pane	Single	Double	Single	Double
Visible Light Transmitted	44%	40%	66%	61%
Visible Light Reflected (Interior)	12%	14%	15%	18%
Visible Light Reflected (Exterior)	17%	23%	16%	21%
Ultra Violet Block	99%	99%	99%	99%
Total Solar Energy Reflected	24%	26%	23%	25%
Total Solar Energy Transmitted	26%	23%	36%	33%
Total Solar Energy Absorbed	50%	51%	41%	42%
Emissivity (Room Side)	0.83	0.83	0.73	0.73
Glare Reduction	51%	50%	27%	25%
Selective InfraRed Reduction (SIRR)	86%	86%	87%	87%
InfraRed Energy Rejection (IRER)	69%	69%	71%	71%
Shading Coefficient	0.47	0.58	0.55	0.64
Solar Heat Gain Coeff. (G-Value)	0.41	0.51	0.48	0.56
U-Value Winter (IP)	1.04	0.48	0.98	0.46
U-Value Winter (SI)	5.88	2.72	5.59	2.64
Luminous Efficacy	0.94	0.69	1.20	0.95
Total Solar Energy Rejected (%)	59%	49%	52%	44%

\*\* Performance results are calculated on 3 mm glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.

## About Avery Dennison

Avery Dennison (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. Headquartered in Glendale, California, the company employs approximately 30,000 employees in more than 50 countries. Reported sales in 2017 were \$ 6.6 billion. Learn more at [www.averydennison.com](http://www.averydennison.com)

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