

Spectrally Selective Exterior Films

See the light, feel the difference



Solar

Avery Dennison's Spectrally Selective exterior window films effectively reduce solar heat gain while retaining high levels of daylight entering through windows and preserving the natural, transparent appearance of the glass.

Spectrally Selective exterior films reduce UV damage and fading caused by the sun and help maintain interior comfort without compromising neither facade nor view.



UV Block



Lower heat gain



Light control



Aesthetics

SP e-Lite X PS

SP e-Lite X exterior window films deliver excellent levels of heat rejection helping maintain cool, comfortable interiors, while 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 reducing excessive solar heat. Available in different VLT's, **SP e-Lite X** exterior window films are compatible with all glass glazing window systems and are particularly popular in historical buildings, museums and residential projects.

Features and Benefits

- > High visible light transmission that is barely discernible on glass - high levels of natural daylight
- > Excellent 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

Optical and Solar Properties**	SP e-Lite 45X		SP e-Lite 70X	
	R10514X		R10517X	
Item Number	Single	Double	Single	Double
Pane				
Visible Light Transmitted	47%	43%	67%	61%
Visible Light Reflected (Interior)	12%	19%	17%	23%
Visible Light Reflected (Exterior)	17%	19%	18%	22%
Ultra Violet Block	99.9%	99.9%	99.9%	99.9%
Total Solar Energy Reflected	30%	31%	30%	31%
Total Solar Energy Transmitted	27%	23%	37%	33%
Total Solar Energy Absorbed	43%	46%	33%	36%
Emissivity (Room Side)	0.84	0.84	0.84	0.84
Glare Reduction	48%	47%	25%	24%
Selective InfraRed Reduction (SIRR)	86%	86%	83%	83%
InfraRed Energy Rejection (IRER)	72%	72%	70%	70%
Shading Coefficient	0.45	0.36	0.54	0.45
Solar Heat Gain Coeff. (G-Value)	0.39	0.31	0.47	0.39
U-Value Winter (IP)	1.04	0.48	1.04	0.48
U-Value Winter (SI)	5.92	2.73	5.92	2.73
Luminous Efficacy	1.04	1.19	1.24	1.36
Total Solar Energy Rejected (%)	61%	69%	53%	61%



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This image has been simulated and is not actual product comparison



SP e-Lite 45X

SP e-Lite 70X



Graphics Solutions

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** 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