

# Reflective Exterior Films

## **Bold, durable, high energy saving films**

Avery Dennison's reflective range of exterior window films provides a strong visual statement that delivers excellent comfort and immediate energy efficiency for reduced cooling costs. Exterior Reflective films provide daylight privacy and are compatible with most glazing systems. Exterior installation is conveniently non-disruptive and is especially suitable for commercial projects where maintaining ongoing business activities is important.

Avery Dennison's Reflective exterior films are popular for commercial projects thanks to their exceptional appearance, impressive heat rejection, and outstanding durability backed by a limited extended warranty.

### **R Silver X**

R Silver X exterior window films are designed for attractive appearance and excellent solar heat rejection. This range of window films is compatible with glass window systems and is particularly popular for use in commercial projects. R Silver X exterior window films are available in different VLT's.

### **R Silver X Poly**

Avery Dennison's R Silver 20X Poly exterior window film performs similarly to the R Silver X group, and is engineered for installation on polycarbonate and other rigid plastic substrates. Check with your installer if this film is suitable for your window glazing system.



# Product Information

## Key Features and Benefits

- 99+% UV block limits fading and damage from the sun
- Excellent level of heat rejection saves costs associated with building cooling
- Outstanding solar heat and glare rejection for enhanced comfort
- Works immediately - no waiting to enjoy return on investment
- Bold appearance upgrades building exterior and maintains daytime privacy
- R Silver X Poly Exterior Window Film also provides installation on most plastic window systems

Optical and Solar Properties**	R Silver 20X		R Silver 35X		R Silver 20X Poly
Item Number	R07022X		R07035X		R0705XP
	Single	Double	Single	Double	Single
Visible Light Transmitted	17%	16%	33%	31%	16%
Visible Light Reflected (Interior)	62%	62%	42%	44%	63%
Visible Light Reflected (Exterior)	62%	62%	42%	43%	64%
Ultraviolet Block	99%	99%	99%	99%	99%
Total Solar Energy Reflected	63%	64%	45%	46%	65%
Total Solar Energy Transmitted	12%	11%	25%	22%	12%
Total Solar Energy Absorbed	25%	25%	30%	32%	23%
Emissivity (Room Side)	0.84	0.84	0.84	0.84	0.84
Glare Reduction	81%	80%	63%	62%	82%
Selective Infrared Reduction (SIRR)	91%	91%	80%	80%	90%
Infrared Energy Rejection (IRER)	84%	84%	71%	71%	84%
Shading Coefficient (SC)	0.22	0.18	0.39	0.32	0.22
Solar Heat Gain Coefficient (SHGC)	0.19	0.15	0.34	0.28	0.19
U Value Winter (IP)	1.04	0.48	1.04	0.48	1.04
U Value Winter (SI)	5.91	2.73	5.91	2.73	5.91
Luminous Efficacy	0.75	0.91	0.84	0.96	0.75
Total Solar Energy Rejected (TSER)	81%	85%	66%	72%	81%

\* 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.

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