

**3M** Science.  
Applied to Life.™

All Season Series



## Save energy, enhance comfort and enjoy a fast payback with 3M™ All Season Window Film Series.

- ▶ Improves comfort during the cold winter months as well as during the heat of summer
- ▶ High heat rejection helps provide energy savings in the summer
- ▶ Increased insulation helps provide energy savings in the winter
- ▶ Potential payback in less than 3 years
- ▶ Reduces glare which may help improve productivity at work stations
- ▶ Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- ▶ Comprehensive warranty from 3M

Winter Insulation	★★★★
Energy Savings	★★★★★
Glare Reduction	★★★★★

Best ★★★★★  
 Better ★★★★  
 Good ★★★  
 Fair ★★  
 Not Recommended ★  
*In comparison to other 3M™ Window Films*

**Insulation for every season.  
 Warmer in the winter, cooler  
 in the summer.**



## Climate Zone 3

Nashville, TN

Over 125,000 sq ft installation of Low E 35





Payback period — less than 3 years

Customer Issues:

- ▶ High energy costs and consumption
- ▶ Tenant comfort issues due to direct sun



## Product Performance and Technical Data

Glass Type (All 1/4")	Film Type	Visible Light			Total Solar Energy Rejected	Solar Heat Gain Coefficient (G Value)	U Value		Solar Heat Reduction	UV Light Rejected	Glare Reduction	Visible Light to Solar Heat Gain Ratio
		Reflected (Interior)	Reflected (Exterior)	Transmitted			btu/ hft <sup>2</sup> F	w/ m <sup>2</sup> K				
 Clear	Low E 20	58%	53%	20%	76%	0.24	0.77	4.37	71%	99.9%	77%	0.8
	Low E 35	62%	58%	26%	77%	0.23	0.84	4.76	72%	99%	71%	1.1
 Tinted	Low E 20	58%	22%	12%	74%	0.26	0.77	4.37	59%	99.9%	78%	0.5
	Low E 35	62%	24%	15%	74%	0.26	0.84	4.76	59%	99%	72%	0.6
 Double Clear	Low E 20	58%	52%	19%	67%	0.33	0.40	2.27	53%	99.9%	76%	0.6
	Low E 35	63%	57%	24%	69%	0.31	0.42	2.39	56%	99%	70%	0.8
 Tinted Clear	Low E 20	58%	22%	10%	74%	0.27	0.40	2.27	48%	99.9%	80%	0.4
	Low E 35	62%	23%	14%	74%	0.26	0.42	2.39	50%	99%	70%	0.5

## LEED Certification

Window films may be used toward the following LEED credits

▶ SS-8

▶ MR 1.1-1.2

▶ EQ-7.1

▶ EQ-8.1-8.2

▶ EA-1

▶ MR 5.1-5.2

▶ EQ-7.2

▶ ID

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