

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.**







Low emissivity window films

► 3M™ “Low E” window films helps improve the insulation value for single and double pane windows. Installation of 3M™ All Season Window Film is much less expensive than actually replacing all that glass, and the results rival or match the performance, and appearance, of new glass.

► Suitable for Heritage listed buildings, newer office towers, and homes, 3M™ All Season Window Film enhances sustainability, comfort, and helps to provide fade protection. The high visual light transmissivity of the LE70 will also not dramatically change the look of your windows – inside or out.



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/ hft²F	w/ m²K				
 Clear	Low E 20	58%	53%	20%	76%	0.24	0.77	4.37	71%	99.9%	77%	0.8
	Low E 35	60%	54%	30%	75%	0.25	0.85	4.8	69%	99%	67%	1.2
	Low E 70	17%	15%	74%	45%	0.55	0.81	4.62	32%	99.6%	17%	1.3
 Tinted	Low E 20	58%	22%	12%	74%	0.26	0.77	4.37	59%	99.9%	78%	0.5
	Low E 35	60%	22%	17%	73%	0.27	0.85	4.8	57%	99%	67%	0.7
	Low E 70	15%	9%	44%	56%	0.44	0.81	4.62	30%	99.8%	17%	1
 Double Clear	Low E 20	58%	52%	19%	67%	0.33	0.40	2.27	53%	99.9%	76%	0.6
	Low E 35	61%	53%	28%	68%	0.32	0.42	2.4	54%	99%	65%	0.8
	Low E 70	21%	20%	66%	46%	0.54	0.41	2.34	23%	99.6%	16%	1.2
 Tinted Clear	Low E 20	58%	22%	10%	74%	0.27	0.40	2.27	48%	99.9%	80%	0.4
	Low E 35	61%	22%	16%	74%	0.26	0.42	2.6	48%	99%	66%	0.6
	Low E 70	20%	10%	40%	60%	0.4	0.41	2.34	22%	99.8%	16%	1

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

Warranty and Limited Remedy: 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. If the 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price. **Limitation of Liability:** Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.



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