

3M™ Sun Control Window Film





3M™ Thinsulate™ Window Film Climate Control 75 (CC75)

Technical Data

Product Benefits

- High Visible Light Transmission, High Clarity, Competitive Total Solar Energy Rejection
- Low U-Value helps space stay warmer by retaining more heat in cooler months.
- Helps reduce heating costs.
- Helps reduce air conditioning costs.
- Helps prolong the life and vibrancy of fabric, furniture and carpets.
- Helps reduce the chance of injury from flying glass.

Product Performance & Technical Data

3M™ Thinsulate™ CC75								
	Single Pane		Tinted		Double Pane		Double tinted	
Film	1/4" Clear	Thinsulate CC75	1/4" tint	Thinsulate CC75	Dual 1/4" Clear	Thinsulate CC75	Dual 1/4" tint	Thinsulate CC75
Solar Heat Gain Coefficient	0.82	.53	0.63	0.40	0.70	0.51	0.51	0.37
Visible Light Transmitted	89%	74%	53%	44%	79%	66%	47%	40%
Visible Light Reflected Interior	9%	12%	6%	10%	15%	17%	13%	15%
Visible Light Reflected Exterior	8%	15%	6%	8%	15%	21%	8%	10%
U Value (Btu/h-ft²F)	1.03	0.62	1.03	0.62	0.47	0.35	0.47	0.35
U Value (W/m² K)	5.8	3.6	5.8	3.6	2.7	2.0	2.7	2.0
UV Block	N/A	99.9%	NA	99.9%	NA	99.9%	NA	99.9%
Total Solar Energy Rejected	19%	47%	37%	60%	30%	49%	49%	63%
Glare Reduction	NA	17%	NA	17%	NA	16%	NA	15%
Heat Loss Reduction	NA	40%	NA	40%	NA	28%	NA	28%
Solar Heat Reduction	NA	37%	NA	37%	NA	27%	NA	27%
Light to solar gain	1.1	1.4	0.8	1.1	1.1	1.3	0.9	1.1

Film properties (nominal)

Thickness	3.5 mil
Emissivity	0.14

The information provided in this report is believed to be reliable; however, due to the wide variety of intervening factors, 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.

3

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