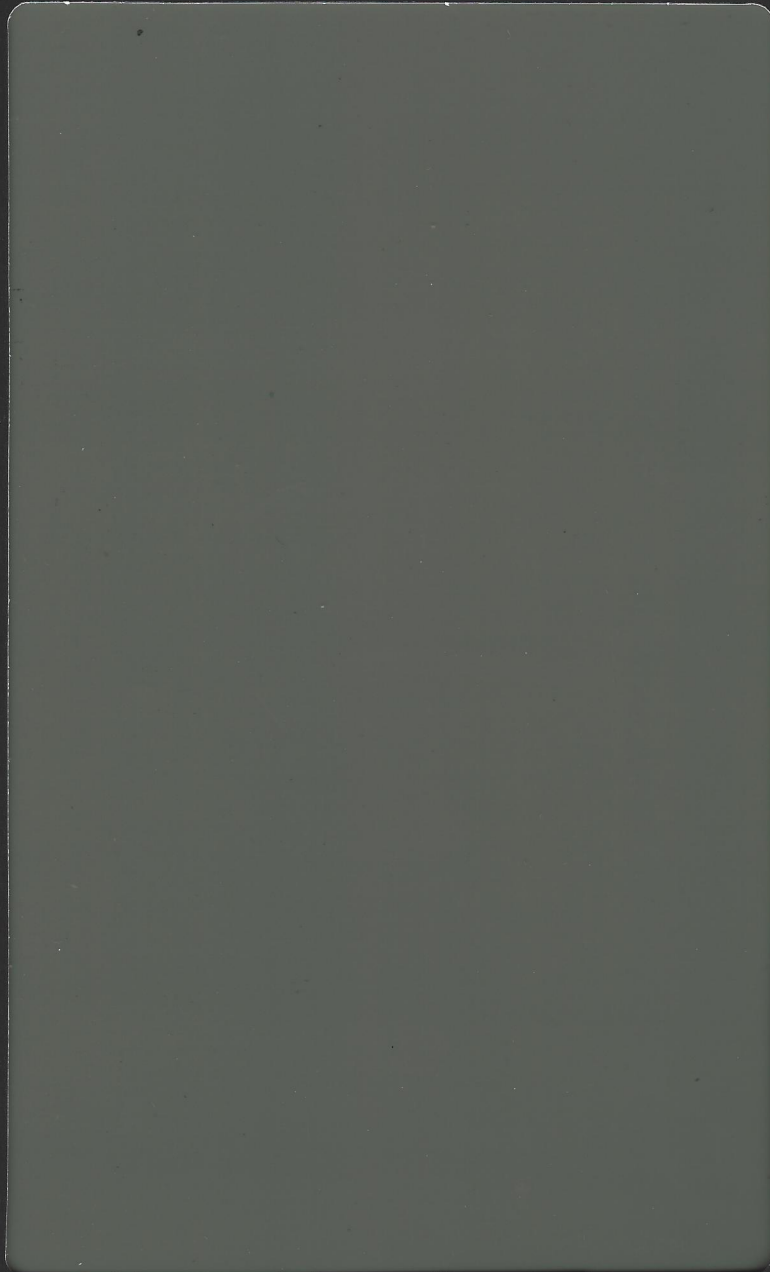




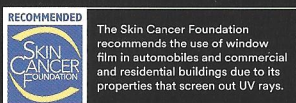
3M™ Thinsulate™ Window Film  
**Climate Control 40**



## Climate controlled.

### Benefits

- ▶ Helps provide increased insulation performance, much like upgrading single pane to double pane and double pane to triple pane windows
- ▶ Helps improve comfort during cold winter months
- ▶ Heat rejection helps provide comfort and energy savings in summer months
- ▶ High visible light transmission film with a neutral appearance that helps maintain the building's existing appearance
- ▶ Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- ▶ Comprehensive warranty from 3M





## 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		Heat Loss Reduction	Heat Gain 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	CC40	10%	7%	36%	59%	0.41	0.63	3.60	39%	50%	99.9%	59%	0.9
Tinted	CC40	9%	5%	22%	67%	0.33	0.63	3.60	39%	48%	99.9%	59%	0.7
Double Clear	CC40	11%	14%	32%	54%	0.46	0.35	1.98	26%	34%	99.9%	60%	0.7
Double Tinted	CC40	11%	8%	19%	66%	0.34	0.35	1.98	26%	33%	99.9%	60%	0.6

### LEED Certification

Window films may be used toward the following LEED credits:

▶ SS-8	▶ EA-1
▶ MR 1.1-1.2	▶ EQ-7.1
▶ MR 5.1-5.2	▶ EQ-7.2
▶ EQ-8.1-8.2	▶ ID

### Available at:



2174 Lost Nation Road  
Willoughby, Ohio 44094  
440.975.0800  
[www.sunrayfilms.com](http://www.sunrayfilms.com)

3M Authorized Dealer & Applicator

**Warranty and Limited Remedy:** 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. **3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS, INCLUDING ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** 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.



Commercial Solutions Division  
3M Center, Building 220-12E-04  
St. Paul, MN 55144-1000  
[3M.com/WindowFilm](http://3M.com/WindowFilm)

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