





3M™ Sun Control Window Film CM50

Technical Data

Product Benefits

- High Visible Light Transmission, High Clarity, Competitive Total Solar Energy Rejection
- Reduces air conditioning costs.
- Stay cooler by reducing excessive heat in warmer months.
- Reduces glare and eye discomfort.
- Extend the life and vibrancy in the fabric of furniture and carpets.

Product Performance & Technical Data

| CM50 |  | |  | |  | |  | |
|----------------------------------|---|------|---|------|---|------|---|------|
| | Single Pane | | Tinted | | Double Pane | | Double tinted | |
| Film | 1/4" Clear | CM50 | 1/4" tint | CM50 | Dual 1/4" Clear | CM50 | Dual 1/4" tint | CM50 |
| Solar Heat Gain Coefficient | 0.82 | 0.53 | 0.63 | 0.45 | 0.70 | 0.57 | 0.51 | 0.43 |
| Visible Light Transmitted | 89% | 53% | 47% | 32% | 79% | 47% | 47% | 28% |
| Visible Light Reflected Interior | 9% | 10% | 9% | 9% | 15% | 12% | 13% | 11% |
| Visible Light Reflected Exterior | 8% | 12% | 13% | 7% | 15% | 18% | 8% | 9% |
| U Value | 1.03 | 1.03 | 1.03 | 1.03 | 0.47 | 0.47 | 0.47 | 0.47 |
| UV Block | 38% | 99% | NA | 99% | NA | 99% | NA | 99% |
| Total Solar Energy Rejected | 19% | 47% | 37% | 55% | 30% | 43% | 49% | 58% |
| Glare Reduction | NA | 40% | NA | 33% | NA | 40% | NA | 40% |
| Heat Loss Reduction | NA | 0% | NA | 0% | NA | 1% | NA | 1% |
| Solar Heat Reduction | NA | 35% | NA | 28% | NA | 18% | NA | 16% |

Important:

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.



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