

3M™ Sun Control Window Film





PR 50

Technical Data

Product Benefits

- High Visible Light Transmission, High Clarity, Competitive Total Solar Energy Rejection
- Helps reduce air conditioning costs.
- Stay cooler by reducing excessive heat in warmer months.
- Helps reduce glare and eye discomfort.
- Helps prolong the life and vibrancy of fabric, furniture and carpets.
- Helps reduce the chance of injury from flying glass.

Product Performance & Technical Data

PR50								
	Single Pane		Tinted		Double Pane		Double tinted	
Film	1/4" Clear	PR50	1/4" tint	PR50	Dual 1/4" Clear	PR50	Dual 1/4" tint	PR50
Solar Heat Gain Coefficient	0.82	0.44	0.63	0.39	0.70	0.53	0.51	0.40
Visible Light Transmitted	89%	50%	53%	30%	79%	45%	47%	27%
Visible Light Reflected Interior	9%	7%	6%	6%	15%	9%	13%	9%
Visible Light Reflected Exterior	8%	8%	6%	6%	15%	15%	8%	8%
U Value	1.03	0.99	1.03	0.99	0.47	0.47	0.47	0.47
UV Block	38%	99.9%	NA	99.9%	NA	99.9%	NA	99.9%
Total Solar Energy Rejected	19%	56%	37%	61%	30%	47%	49%	60%
Glare Reduction	NA	44%	NA	43%	NA	44%	NA	44%
Heat Loss Reduction	NA	3%	NA	3%	NA	2%	NA	2%
Solar Heat Reduction	NA	46%	NA	38%	NA	25%	NA	22%

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.



Renewable Energy Division

St. Paul, MN 55144-1000

1-866-499-8857

www.3M.com/windowfilm

3M is a trademark of 3M Company.
© 3M 2016. All rights reserved.