

# 3M Sun Control Window Film - Night Vision Series





## NV-45

### Summary





#### Product Benefits

- New warm tones complement and defend against solar rays.
- A warm natural hue invites warmth and beauty to any room.
- Low interior and exterior reflectivity, especially at night!
- Great heat rejection for dual pane windows.
- New 3M technology enhances color stability.
- Reduce air conditioning costs and stay cooler by reducing excessive solar heat especially in hot sunny climates.
- Extend the life and vibrancy in the fabric of furniture and carpets.
- Increases personal safety from flying or broken glass.

#### Product Performance

NV-45				
Solar Heat Reduction	34%	29%	17%	13%
Heat Loss Reduction	0%	0%	6%	6%
Glare Reduction	49%	45%	48%	47%
UV Blocked	99%	99%	99%	99%
Total Solar Energy Rejected	45%	55%	42%	58%

#### Technical Data

Glass Type	Applied Product	Shading Coefficient	Visible Light Reflection		Visible Light Transmitted	Emissivity	“U” Value
			Exterior	Interior			
	None	0.94	8%	8%	88%	0.84	1.06
	NV-45	0.63	9.4%	8%	45%	0.78	1.06
	None	0.69	5%	5%	50%	0.84	1.06
	NV-45	0.52	6.4%	7%	27%	0.78	1.06
	None	0.81	14%	14%	78%	0.84	0.50
	NV-45	0.67	16.1%	9%	40%	0.78	0.48
	None	0.55	8%	8%	45%	0.84	0.50
	NV-45	0.48	9%	9%	24%	0.78	0.48