





# 3M™ Scotchtint™ Sun Control Window Film - Night Vision Series

## NV-25 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-25				
Solar Heat Reduction	59%	48%	38%	32%
Heat Loss Reduction	1%	1%	6%	6%
Glare Reduction	72%	72%	71%	71%
UV Blocked	99%	99%	99%	99%
Total Solar Energy Rejected	66%	67%	57%	67%

### Technical Data

Glass Type	Applied Product	Shading Coefficient	Visible Light		Visible Light Transmitted	Emissivity	“U” Value
			Exterior Reflection	Interior Reflection			
	None	0.94	8%	8%	88%	0.84	1.06
	NV-25	0.39	29%	13%	24%	0.72	1.05
	None	0.69	5%	5%	50%	0.84	1.06
	NV-25	0.33	12%	13%	14%	0.72	1.05
	None	0.81	14%	14%	78%	0.84	0.50
	NV-25	0.50	32%	13%	22%	0.72	0.47
	None	0.55	8%	8%	45%	0.84	0.50
	NV-25	0.37	15%	13%	13%	0.72	0.47

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### Inventory

ENGLISH		METRIC	
Film to Core Distance (in.)	Approximate lineal (feet) of remaining film on the core	Film to Core Distance (mm)	Approximate lineal (meters) of remaining film on the core
inches	lineal feet	mm	lineal meters
1/64	5.3	0.4	1.6
2/64	10.6	0.8	3.2
3/64	15.9	1.2	4.8
4/64	21.3	1.6	6.5
5/64	26.8	2.0	8.1
6/64	32.3	2.4	9.8
7/64	37.9	2.8	11.6
8/64	43.5	3.2	13.3
9/64	49.1	3.6	15.0
10/64	54.8	4.0	16.7
11/64	60.6	4.4	18.5
12/64	66.4	4.8	20.3
13/64	72.2	5.2	22.0
14/64	78.1	5.6	23.8
15/64	84.1	6.0	25.6
16/64	90.1	6.4	27.5
17/64	96.1	6.8	29.3
18/64	102.2	7.2	31.2
19/64	108.3	7.5	33.0
20/64	114.5	7.9	35.0
21/64	120.8	8.3	36.8
22/64	127.1	8.7	38.8
23/64	133.4	9.1	40.7
24/64	139.8	9.5	42.6
25/64	146.2	9.9	44.6
26/64	152.7	10.3	46.6
27/64	159.3	10.7	48.6
28/64	165.8	11.1	50.6
29/64	172.5	11.5	52.6
30/64	179.2	11.9	54.6
31/64	185.9	12.3	56.7
32/64	192.7	12.7	59.8
33/64	199.5	13.1	60.8

Plus or minus 5.0 ft.

Plus or minus 1.5 m