





3M™ Scotchtint™ Sun Control Window Film

RE50NIARL Summary





Product Benefits

- Stay cooler by reducing excessive heat in warmer months.
- Extends the life of furniture and fabrics.
- Maintains more natural appearance.
- Reduces glare and eye discomfort.
- Increase personal safety from flying glass.

Product Performance

RE50NIARL				
Solar Heat Reduction	48%	39%	33%	29%
Heat Loss Reduction	11%	11%	6%	6%
Glare Reduction	45%	45%	46%	44%
UV Blocked	99%	99%	99%	99%
Total Solar Energy Rejected	57%	63%	53%	65%

Technical Data

Glass Type	Applied Product	Shading Coefficient	Visible Light		Emissivity	“U” Value
			Reflected	Transmitted		
	None	0.94	9%	88%	0.84	1.06
	RE50NIARL	0.49	23%	48%	0.60	0.95
	None	0.69	4%	49%	0.84	1.06
	RE50NIARL	0.42	10%	27%	0.60	0.95
	None	0.81	15%	79%	0.84	0.50
	RE50NIARL	0.54	27%	43%	0.60	0.47
	None	0.55	6%	43%	0.84	0.50
	RE50NIARL	0.40	9%	24%	0.60	0.47

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RE50NIARL 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	3.8	0.4	1.2
2/64	7.7	0.8	2.3
3/64	11.6	1.2	3.5
4/64	15.5	1.6	4.8
5/64	19.5	2.0	6.0
6/64	23.5	2.4	7.2
7/64	27.5	2.8	8.4
8/64	31.6	3.2	9.6
9/64	35.7	3.6	10.9
10/64	39.9	4.0	12.2
11/64	44.0	4.4	13.4
12/64	48.3	4.8	14.7
13/64	52.5	5.2	16.0
14/64	56.8	5.6	17.3
15/64	61.1	6.0	18.6
16/64	65.5	6.4	20.0
17/64	69.9	6.8	21.3
18/64	74.3	7.2	22.6
19/64	78.8	7.5	24.0
20/64	83.3	7.9	25.4
21/64	87.8	8.3	26.8
22/64	92.4	8.7	28.2

Plus or minus 4.0 ft.

Plus or minus 2.5 m