

3M™ Sun Control Window Film





PR 90X

Technical Data

Product Benefits

- Highest Visible Light Transmission Film, High Clarity, High Luminous Efficacy
- No metals in the film, means no signal interference, no edge sealing needed, and no chance of corrosion
- Helps reduce air conditioning costs.
- Stay cooler by reducing excessive heat in warmer months.
- Excellent film for skylight applications
- Helps protect glass from graffiti
- Hydrophobic hardcoat helps to keep the exterior surface of the glass looking cleaner
- Helps reduce the risk of thermal fracture
- Helps prolong the life and vibrancy of fabric, furniture and carpets.
- Helps reduce the chance of injury from flying glass.
- Holds broken glass in place reducing the risk of injury

Product Performance & Technical Data

PR90X								
	Single Pane		Tinted		Double Pane		Double tinted	
Film	1/4" Clear	PR90X	1/4" tint	PR90X	Dual 1/4" Clear	PR90X	Dual 1/4" tint	PR90X
Solar Heat Gain Coefficient	0.82	0.64	0.63	0.50	0.70	0.56	0.51	0.41
Visible Light Transmitted	89%	88%	53%	53%	79%	78%	47%	47%
Visible Light Reflected Interior	9%	9%	6%	6%	15%	16%	13%	13%
Visible Light Reflected Exterior	8%	9%	6%	6%	15%	15%	8%	9%
U Value	1.03	1.02	1.03	1.02	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%	36%	37%	50%	30%	45%	49%	60%
Glare Reduction	NA	1%	NA	1%	NA	1%	NA	1%
Heat Loss Reduction	NA	0%	NA	0%	NA	1%	NA	0%
Solar Heat Reduction	NA	21%	NA	21%	NA	21%	NA	20%

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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