

# 3M™ Sun Control Window Film

## Silver P18 (P18ARL)

### Technical Data

#### Product Benefits

- Reduces air conditioning costs.
- Stay cooler by reducing excessive heat in warmer months.
- Reduces glare and eye discomfort.
- Extend the life and vibrancy in the fabric of furniture and carpets.
- Reduces injury risk from flying glass.

#### Product Performance & Technical Data

Silver P18								
	Single Pane		Tinted		Double Pane		Double tinted	
Film	1/4" Clear	P18	1/4" tint	P18	Dual 1/4" Clear	P18	Dual 1/4" tint	P18
Solar Heat Gain Coefficient	0.82	0.23	0.63	0.27	0.70	0.33	0.51	0.27
Visible Light Transmitted	89%	17%	53%	10%	79%	15%	47%	9%
Visible Light Reflected Interior	9%	58%	6%	58%	15%	58%	13%	58%
Visible Light Reflected Exterior	8%	56%	6%	23%	15%	55%	8%	23%
U Value	1.03	0.93	1.03	0.93	0.47	0.45	0.47	0.45
UV Block	38%	99%	NA	99%	NA	99%	NA	99%
Total Solar Energy Rejected	19%	77%	37%	74%	30%	67%	49%	73%
Glare Reduction	NA	81%	NA	82%	NA	80%	NA	81%
Heat Loss Reduction	NA	9%	NA	9%	NA	5%	NA	5%
Solar Heat Reduction	NA	72%	NA	58%	NA	53%	NA	47%

#### Important:

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](http://www.3M.com/windowfilm)

3M is a trademark of 3M.  
© 3M 2008. All rights reserved.  
04/08 DMR #