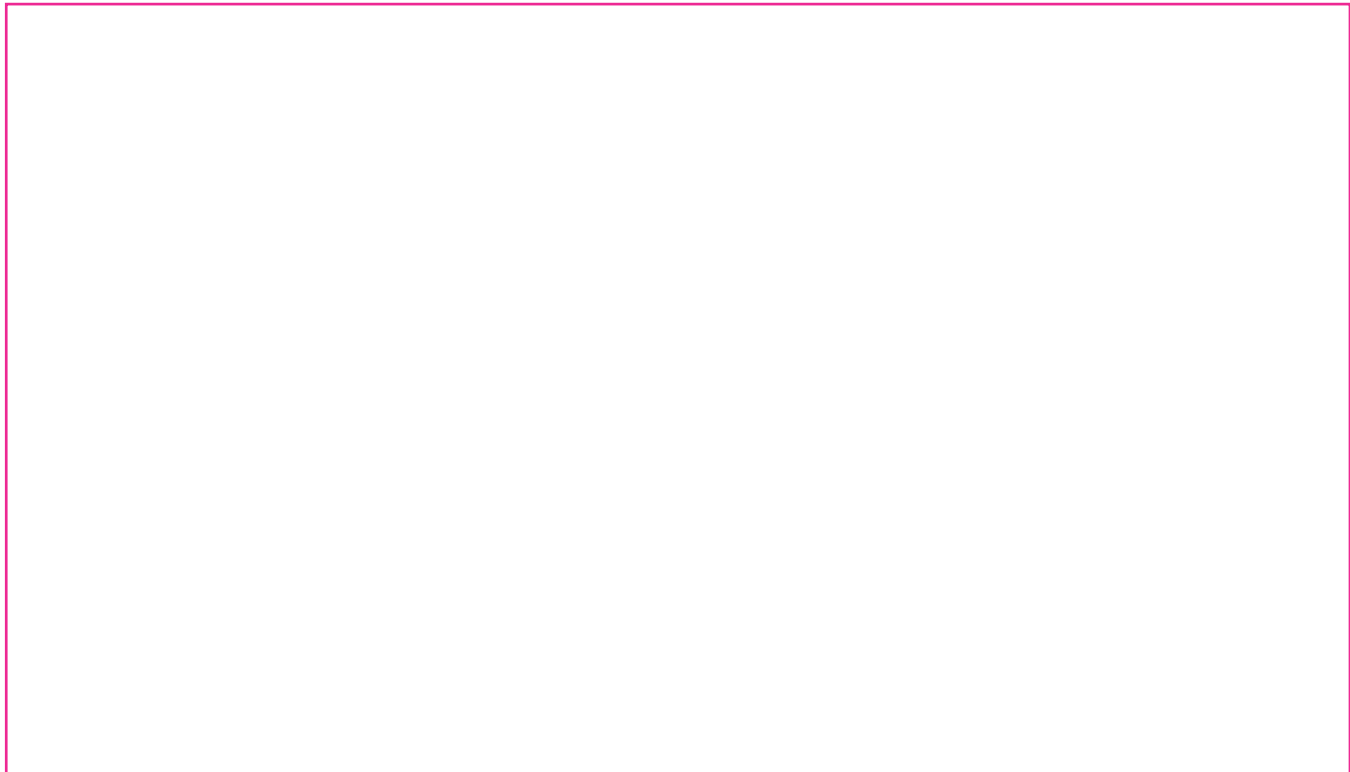




DEFENDER™ 4 MIL CLEAR



Construction

Ply	1
Mil Thickness	4

Performance Specifications	Glass Type 1/4"	1/8"
Solar Energy Transmitted %	80	83
Solar Energy Absorbed %	14	11
Solar Energy Reflected %	6	6
Visible Light Transmitted %	88	90
Visible Light Reflected % - Interior	8	8
Visible Light Reflected % - Exterior	9	9
Ultraviolet Rejected %	99	99
Shading Coefficient	.96	.98
Solar Heat Reduction %	4	2
Total Solar Energy Rejected %	15	13
Glare Reduction %	2	0
Emissivity	.89	.89
U-Value	1.10	1.12

DEFENDER™ Safety & Security Window Films

Film-To-Glass Installation Ratings

Defender™ 4 Mil Clear

Single Clear	1
Dual Clear	1
Single Tinted	1
Dual Tinted	1
Low-E	1

Film-To-Glass Installation Ratings

- 1** = Approved for TSF & IGU Seal Failure warranty coverage at no additional fee.
- 2** = NOT approved for TSF & IGU Seal Failure warranty coverage. Apply for coverage with fee.
- 3** = TSF & IGU Seal Failure warranty coverage is NOT available.

Important

Data created from testing of film installed on 1/8" and 1/4" thick clear float glass. Data is representative of actual production. Batch to batch variations are within industry standards.