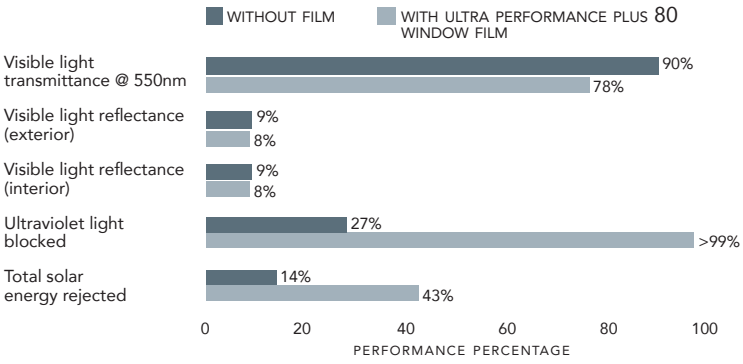
» AUTOMOTIVE WINDOW FILMS

Solar Gard®
Ultra Performance Plus 80

Ultra Performance Plus 80 uses advanced nano-ceramic technology for a cooler and more comfortable driving experience. In addition, Ultra Performance Plus 80 is virtually invisible and maintains the original appearance of your vehicle's windows.

Film performance (Comparison testing 1/8" (3mm) thick clear glass)



Solar Gard® SAINT-GOBAIN

www.solargard.com

» AUTOMOTIVE WINDOW FILMS

Solar Gard®
Ultra Performance Plus 80

Performance results

	1/8" (3mm) Single clear	
	No film	UP Plus 80
Visible light		
Transmittance %	90	77
Transmittance @ 550 nm %	90	78
Reflectance exterior %	9	8
Reflectance interior %	9	8
Glare reduction %	-	14
Solar energy		
Transmittance %	83	40
Absorptance %	9	54
Reflectance %	8	6
Total solar energy rejected %	14	43
Infrared rejection @ 780 to 2500 nm % [1]	20	88
Shading coefficient	.98	.65
Solar heat gain coefficient	.86	.57
Light to solar heat gain ratio (VLT/SHGC)	1.05	1.36
Solar heat gain reduction %	-	34
Thermal energy		
Emissivity	.84	.87
Winter U-factor (Btu hr/ft² °F)	1.04	1.05
Winter U-factor (W/m² °C)	5.9	6.0
Winter heat loss reduction %	-	-1
Ultraviolet light		
Blocked @ 300 to 380 nm %	27	>99

PRODUCT FEATURES:

- Nano-ceramic technology
- High infrared and heat rejection can reduce your vehicle's interior surface temperature by up to 39°F (22°C)
- Virtually invisible and unaltered view
- Maintains the natural appearance of your vehicle's windows
- Blocks more than 99% of harmful UVA and UVB rays
- Does not fade or discolor over time

Notes

1. Infrared rejection = 1 - average unweighted transmittance using ASTM E 903

2. Tdw-ISO is the percentage of transmitted light that causes fading. A Lower number means more protection against fading.

Performance results generated using LBNL Window 7.2 and NFRC standards.

PDF0314UPP80 04/16

Please recycle

RECOMMENDED SKIN CANCER FOUNDATION

www.solargard.com

SAINT-GOBAIN