



Solar Gard® ULR
Window Film Series
Dealer Launch Kit – November 2012



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Introduction

For the first time Solar Gard customers can enjoy a high-VLT, low-VLR architectural window film.

We are happy to announce the availability of Solar Gard's new ULR window film series, in response to an unmet market need for a Solar Gard non-metallized high performance architectural window film that would provide energy savings and improved comfort. Among its many benefits, ULR window film offers the lowest possible interior and exterior reflectivity of any Solar Gard window film. It is this low-reflective quality that gives the product its name, ULR (Ultra-Low Reflectivity) window film series.

Features and benefits

- Ultra-low reflectivity
- Blocks more than 99% of damaging UVA and UVB rays
- Recommended by the Skin Cancer Foundation
- Industry-leading clarity for unaltered visibility
- Outstanding scratch-resistant coating for long product life
- Warranted against excessive unusual change of color
- Comes in three different shades: 20, 40, and 70
- Has a limited lifetime residential or 12-year commercial warranty
- Color stability
- Low reflection with good TSER
- Spectrally selective

Ordering information

SKU	VLT and width
SFLP55005835-48100	ULR 20 – 48"
SF55005835-60100	ULR 20 – 60"
SFLP55005855-48100	ULR 40 – 48"
SF55005855-60100	ULR 40 – 60"
SFLP55005865-48100	ULR 70 – 48"
SF55005865-60100	ULR 70 – 60"
SF55005865-72100	ULR 70 – 72"

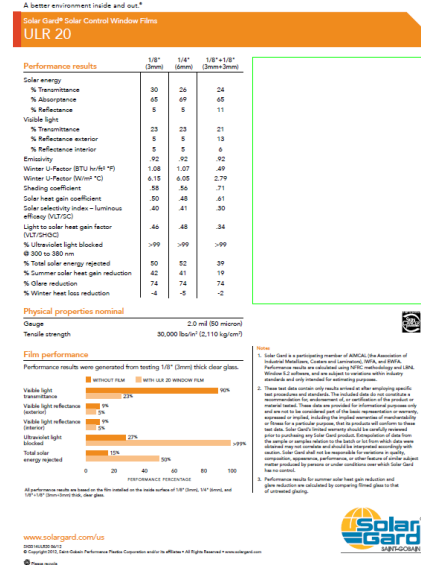
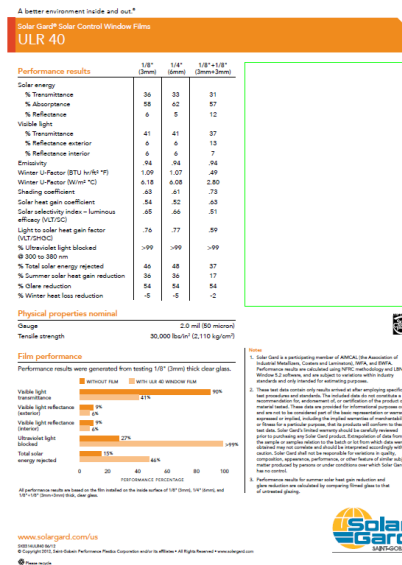
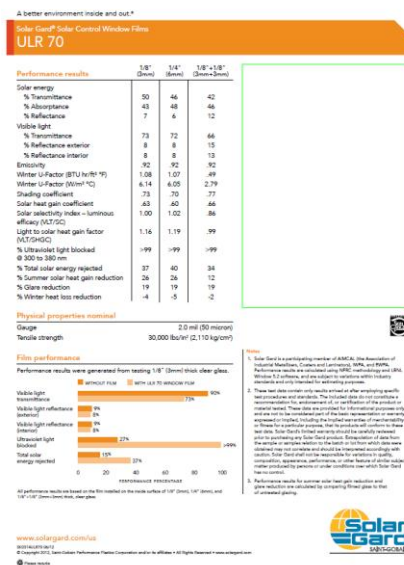
Product performance

Product Name	ULR 70	ULR 70	ULR 70	ULR 70	ULR 40	ULR 40	ULR 40	ULR 40	ULR 20	ULR 20	ULR 20	ULR 20
	1/8" (3mm)	1/4" (6mm)	1/8" (3mm)	1/4" (6mm)	1/8" (3mm)	1/4" (6mm)	1/8" (3mm)	1/4" (6mm)	1/8" (3mm)	1/4" (6mm)	1/8" (3mm)	1/4" (6mm)
Window Type	Single Pane	Single Pane	Double Pane	Double Pane	Single Pane	Single Pane	Double Pane	Double Pane	Single Pane	Single Pane	Double Pane	Double Pane
Solar Energy Transmittance (%)	50	46	42	37	36	33	31	26	30	26	24	20
Total Solar Energy Absorptance (%)	43	48	46	52	58	62	57	63	65	69	65	70
Solar Energy Reflectance (%)	7	6	12	11	6	5	12	11	5	5	11	10
Visible Light Transmittance (%)	73	72	66	64	41	41	37	36	23	23	21	20
Visible Light Reflectance Exterior (%)	8	8	15	15	6	6	13	13	5	5	13	12
Visible Light Reflectance Interior (%)	8	8	13	12	6	6	7	7	5	5	6	6
Emissivity	.92	.92	.92	.92	.94	.94	.94	.94	.92	.92	.92	.92
Winter U-Factor (Btu hr/ft² °F)	1.08	1.07	.49	.48	1.09	1.07	.49	.49	1.08	1.07	.49	.48
Winter U-factor (W/m²°C)	6.14	6.05	2.79	2.75	6.18	6.08	2.80	2.76	6.15	6.05	2.79	2.75
Shading Coefficient	.73	.70	.77	.72	.63	.61	.73	.69	.58	.56	.71	.66
Solar Heat Gain Coefficient	.63	.60	.66	.62	.54	.52	.63	.59	.50	.48	.61	.57
Solar Selectivity Index-Luminous Efficacy (VLT/SC)	1.00	1.02	.86	.89	.65	.66	.51	.53	.40	.41	.30	.31
Light to Solar Heat Gain Factor (VLT/SHGC)	1.16	1.19	.99	1.03	.76	.77	.59	.61	.46	.48	.34	.36
Ultraviolet Blocked (%) (300 to 380 nanometers)	>99	>99	>99	>99	>99	>99	>99	>99	>99	>99	>99	>99
Total Solar Energy Rejected (%)	37	40	34	38	46	48	37	41	50	52	39	43
Solar heat gain reduction (%)	26	26	12	11	36	36	17	16	42	41	19	18
Glare reduction (%)	19	19	19	19	54	54	54	54	74	74	74	74
Winter heat loss reduction (%)	-4	-5	-2	-2	-5	-5	-2	-4	-4	-5	-2	-2

Marketing materials and communication support

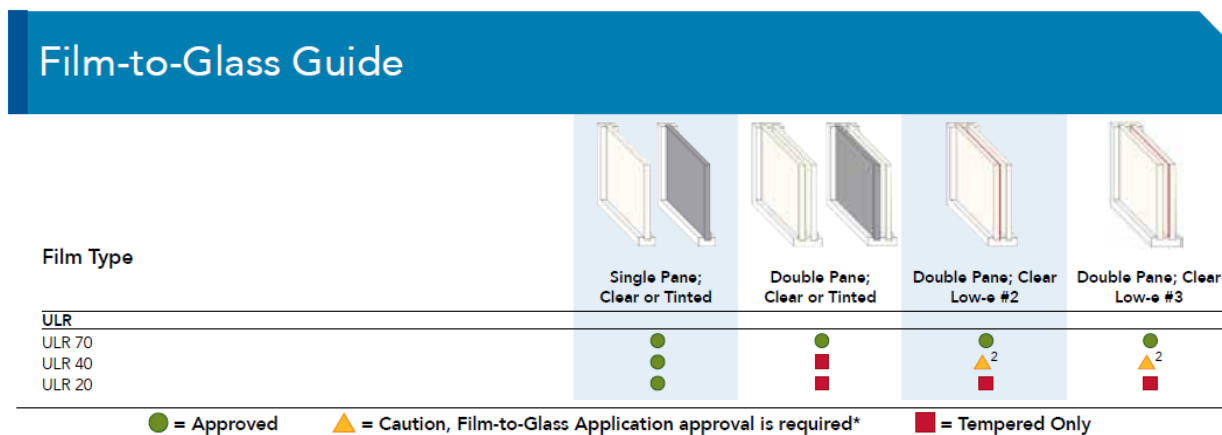
The following sample pages are now available.

- SK0314ULR70 06/12
- SK0314ULR40 06/12
- SK0314ULR20 06/12



The Film-to-Glass Guide has been updated to include ULR 70, 40 and 20.

- PDF0234 09/12



* See Film-to-Glass Application Submittal instructions below.

Note: a PDF is available now for immediate download. Printed copies will be available with all other reprinted support materials in 2013.

Website content

The following two webpages are now live in the product support sections of www.solargard.com/us (under "Commercial" and "Residential").

http://solargard.com/us/Commercial/ULR_Window_Film

http://solargard.com/us/Residential/ULR_Window_Film


[Home](#)
[Commercial](#)
[Residential](#)
[Automotive](#)
[Warranty](#)
[Energy Savings](#)
[Solar Success](#)
[Find A Dealer](#)
[About Us](#)
[Dealer's Corner](#)

[Commercial Window Films](#)
[Architects Resource Center](#)
[Benefits](#)
[Window Films](#)

[Solar Window Films](#)

[TrueVue Dual Reflective](#)
[Stainless Steel Films](#)
[Quantum](#)
[Solar Bronze Films](#)
[Silver Films](#)
[Low Emissivity](#)
[Summer/Winter](#)
[Outside Weatherable](#)
[NFRC Certified Films](#)
[Performance Specifications](#)

[Safety Window Films](#)
[Decorative Films](#)
[Choose A Film](#)
[Glossary](#)



Solar Gard Solar Protection

Combat solar heat gain and keep your business comfortable and manageable.

Solar Gard's new ULR window film allows superior visibility for day or night. Additionally, ULR blocks 99% of damaging UV-A and UV-B rays which can be damaging to skin and property. This product is backed by Solar Gard's® leading warranty insuring the quality and long life of this film.

Solar Gard's new ULR window film is a high heat rejection non-metalized film backed by Solar Gard's® leading warranty insuring the quality and long life of this film.

Features and Benefits:

- Blocks more than 99% of damaging UVA and UVB rays
- Recommended by the Skin Cancer Foundation
- Industry-leading clarity for unaltered visibility
- Outstanding scratch-resistant coating for long product life
- Warranted against excessive unusual change of color

URL comes in three different shades, 20, 40, and 70. It also comes with a limited lifetime residential or a 12 year commercial warranty

Performance Results

Performance results were generated from testing 1/8" (3mm) thick clear glass and have been measured, calculated and reported in accordance with ASTM, ASHRAE and AISCAL standards. Performance results are subject to variations within industry standards.

Film Type	Solar Energy			Visible Light			E	Thermal Energy			UV Light Blocked T%	Total Solar Energy Rejected
	T%	A%	R%	T%	Ext. R%	Int. R%		Wtr U-Val	SC	SHGC		
ULR Window Film												
ULR 20	30	65	5	23	5	5	.92	1.08	.58	.50	>99	50
ULR 70	50	43	7	73	8	8	.92	1.08	.73	.63	>99	37
ULR 40	36	58	6	41	6	6	.94	1.09	.63	.54	>99	46

[View All Solar Film Performance Specifications](#)

Warranty

Printed copies of the warranty are now available, with an electronic version on www.solargard.com/us.

Solar Gard® Solar Control Films

Limited Residential or Commercial Product Warranty



1. DEALER: Please check as applicable: ☐ Residential use; or ☐ Commercial use
DEALER: Please initial the box of the film type purchased where indicated:

	ULR
Dealer Initial Appropriate Box:	
Residential Warranty Period:	Limited lifetime
Commercial Warranty Period:	12 years
Warranted against excessive or unusual change of color:	Yes

2. **Warranty Coverage:** Saint-Gobain Solar Gard LLC ("SGSG") warrants all SGSG Solar Gard® Solar Control Film (as listed above, the "Product(s)") against adhesive failure, bubbling, cracking/crazing, delamination, demetalization, peeling, or other manufacturer's defect, provided and on the condition that the Products were properly sold and installed on an appropriate glass surface by an authorized dealer in accordance with all recommended installation procedures, and subject to the conditions described below in the "Not Covered by Warranty" section 8.

In addition, all Products whose warranty coverage period is Limited Lifetime for residential uses or 12 Years for commercial uses are warranted against excessive or unusual change of color.

3. **Covered Persons/Companies:** This warranty is provided and applies only to: (1) independent window film dealer who purchased the Product from SGSG or from a SGSG distributor; and (2) consumer who originally purchased the Product from a SGSG window film distributor or dealer. This warranty is not transferable. This warranty is the sole and exclusive warranty provided by SGSG to the persons and entities described above for the Products purchased.

4. **Warranty Period:** This warranty coverage begins on the date the Product was installed and extends for the period of time applicable for the particular Product as indicated in the applicable box in section 1 above.

5. **Limitations:** THIS LIMITED WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY PROVIDED BY SGSG FOR THE PRODUCT PURCHASED. THIS WARRANTY IS GIVEN IN LIEU OF, AND SUPERSEDES AND REPLACES, ALL OTHER EXPRESS OR IMPLIED WARRANTIES AND/OR AGREEMENTS, INCLUDING, BUT NOT LIMITED TO, ALL WARRANTIES IMPLIED BY LAW, SUCH AS ANY IMPLIED WARRANTY OF MERCHANTABILITY AND ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

IN THE EVENT OF ANY DEFECT IN, OR FAILURE OF, THE PRODUCT, OR IN THE EVENT THE PRODUCT FAILS TO PERFORM AS REPRESENTED OR EXPECTED, SGSG'S SOLE AND EXCLUSIVE OBLIGATION IS TO PROVIDE REPLACEMENT FILM AND PAY FOR REPLACEMENT LABOR SUBJECT TO THE LIMITATIONS SET FORTH IN THIS WARRANTY; PROVIDED, THAT IF THE SAME PRODUCT IS NOT AVAILABLE SGSG MAY REPLACE WITH A SIMILAR PRODUCT AT ITS SOLE DISCRETION. IF THE ADDITIONAL WARRANTY COVERAGE IS APPLICABLE, IN THE EVENT OF GLASS BREAKAGE OR INSULATED GLASS (IG) UNIT SEAL FAILURE (AS SET FORTH IN SECTION 7) DUE TO THE INSTALLATION OF AN APPROVED FILM-TO-GLASS APPLICATION, SGSG'S SOLE AND EXCLUSIVE OBLIGATION IS TO PAY FOR REPLACEMENT OF GLASS AND/OR INSULATED GLASS (IG) UNITS SUBJECT

TO THE LIMITATIONS SET FORTH IN THIS WARRANTY; PROVIDED, THAT IF THE SAME PRODUCT IS NOT AVAILABLE SGSG MAY REPLACE WITH A SIMILAR PRODUCT AT ITS SOLE DISCRETION.

IN NO EVENT SHALL SGSG BE LIABLE OR RESPONSIBLE FOR ANY OTHER COSTS, ATTORNEY'S FEES, EXPENSES, LOSSES OR DAMAGES (REGARDLESS OF WHETHER THEY ARE DEEMED TO BE DIRECT, SPECIAL, CONSEQUENTIAL OR INCIDENTAL) THAT ARE IN ANY WAY RELATED TO THE PRODUCT OR THE FAILURE OF THE PRODUCT TO PERFORM AS REPRESENTED OR EXPECTED AND WHETHER ARISING IN CONTRACT, WARRANTY, NEGLIGENCE, STRICT PRODUCTS LIABILITY, TORT, OR OTHERWISE. SGSG DOES NOT ASSUME LIABILITY FOR ANY WARRANTY, LOSS OR DAMAGE OTHER THAN AS EXPRESSLY STATED IN THIS LIMITED WARRANTY. SGSG IS NOT LIABLE FOR ANY LOSSES OR DAMAGES RELATED TO OR INVOLVING GLASS BREAKAGE.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. SOME STATES DO NOT ALLOW EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

SGSG will provide replacement Product and reasonable labor charges not to exceed the percentage of the amount of the original invoice, equal to the percentage of Product replaced. For purposes of this warranty, the original invoice amount includes the price of the Product and installation labor paid at the time of the initial installation.

SGSG's total liability, whether for breach of contract, warranty, negligence, strict products liability, or commission of any other tort, violation of any statute, regulation, or ordinance, or otherwise, is limited to the purchase price of the particular Product sold under this warranty as stated on the original invoice. SGSG's total liability under the Limited two (2) year Glass Breakage warranty and the Limited two (2) year Insulated Glass (IG) Unit Seal Failure warranty (as set forth in section 7) is subject to a combined warranty claim limit of \$500 on a per-window basis; and there is a deductible of \$25 per window to be paid by consumer.

6. **CUSTOMER AND DEALER PLEASE NOTE:** The information below must be completed by the dealer (and the customer) at the time of installation of the Product in order to make a warranty claim at a later date. PLEASE PRINT CLEARLY. WARRANTIES THAT ARE NOT LEGIBLE AND/OR DO NOT PROVIDE COMPLETE INFORMATION MAY DELAY PROCESSING OF WARRANTY CLAIMS AND/OR RESULT IN THEIR DENIAL.

A CUSTOMER INFORMATION

Name/Company name: _____ Address: _____
Title: _____ Telephone number: _____ City: _____ State: _____ Zip: _____

B DEALER AND INSTALLER INFORMATION

Name/Company name: _____ Address: _____
Telephone number: _____ City: _____ State: _____ Zip: _____
Name of installer (and ID number, if applicable): _____ Date of installation: _____

C PRODUCT INSTALLATION INFORMATION

	Clear single pane	Clear insulated glass (IG) unit	Tinted/reflective single pane	Tinted/reflective insulated glass (IG) unit	Low-E insulated glass (IG) unit	Other
North film type: _____ Sq ft: _____ Roll #: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
South film type: _____ Sq ft: _____ Roll #: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
East film type: _____ Sq ft: _____ Roll #: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
West film type: _____ Sq ft: _____ Roll #: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Misc. film type: _____ Sq ft: _____ Roll #: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If additional space is needed, contact the Warranty Service Department.

Was the film automatically pre-approved for coverage? ☐ Yes ☐ No
If not, was a Film-to-Glass Application Checklist (Catalog SK0322) submitted and written approval received prior to installation (see section 7)? ☐ Yes ☐ No
If Yes, please insert Film-to-Glass Tracking Number (located at the bottom right corner of the approved Film-to-Glass Application Checklist): _____

D INVOICE AMOUNT

Product amount: _____
Labor: _____
Subtotal: _____
Sales tax: _____
Total: _____

I hereby acknowledge that I have read the terms of this warranty, and I agree to the terms and conditions of this warranty. I acknowledge that this warranty is not valid unless signed below.

Customer signature: _____ Date: _____
Dealer signature: _____ Date: _____

Retain this completed document with proof of purchase in your records.

Contact information

- Please contact your local Sales Rep or Service Center at 877 273 4364 to order or with product questions.
- For questions on or assistance with local marketing, please email dealermarketing@solargard.com.