



SOLAR SHIELD INSULATED GLASS PACKAGES



INCREASE WINDOW PERFORMANCE WITH SOLAR SHIELD GLASS TECHNOLOGY

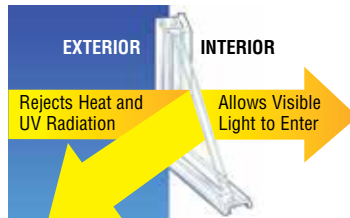
Windows are approximately 80% glass and can be a significant source of energy loss, so it's essential to choose a glass system that meets the tough demands of Northern climates. The glass should provide insulation from harsh weather yet allow the warmth and beauty of natural light to shine through.

Double- and triple-glazed glass units¹ with the Super Spacer[®] structural foam spacer provide greater energy efficiency and more:

- Resist condensation
- Reduce energy costs²
- Provide long-life durability
- Add both comfort and value to your windows

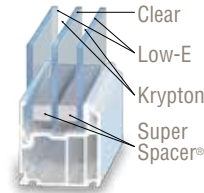
SOLAR SHIELD GLASS PACKAGES

- Feature increased solar control to help create consistent indoor temperatures in regions with hot summers and cold winters
- Offer a variety of glass options to meet ENERGY STAR[®] performance requirements for your home and climate condition; please consult your window professional for an ENERGY STAR-qualified glass package
- Block significantly more unwanted solar energy than standard clear glass and dark tinted glass, resulting in less air-conditioning use
- Achieve R-values up to 7.1, depending on the size and model of the window



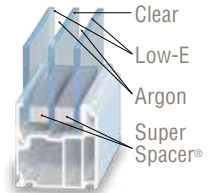
The "R" indicates the resistance to heat flow through a solid object. The higher the R-value, the better the insulation performance against heating and cooling loss!

Solar Shield 3DK



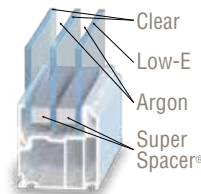
R7.1/U.14/SHGC.29/VT.50

Solar Shield 3D



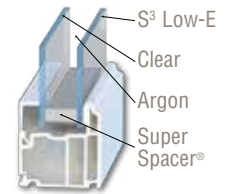
R5.5/U.18/SHGC.29/VT.50

Solar Shield 3



R4.3/U.23/SHGC.31/VT.56

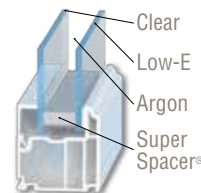
Solar Shield S³



R3.8/U.26/SHGC.23/VT.60

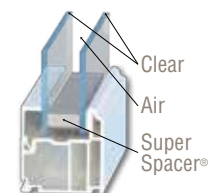
Solar Shield

STANDARD GLASS PACKAGE



R3.8/U.26/SHGC.34/VT.61

Clear/Clear



R2.2/U.45/SHGC.64/VT.69

NOTE: Whole window values based on 8R00A data.

SOLAR SHIELD GLASS FOR SUPERIOR ENERGY SAVINGS AND SOLAR CONTROL

Classically styled and powerfully built, Regency windows are backed by decades of window manufacturing expertise. Pride in our products and craftsmanship are at the heart of our commitment to quality. It's what makes our windows among the best in the industry and our service second to none.

- Solar Shield dual- and triple-glazed insulated glass units
- Super Spacer® structural foam spacer, various surfaces of Low-E and chambers of insulating gas for increased solar control
- Choose from a variety of insulated glass options to meet ENERGY STAR performance requirements for your home and climate condition
- Blocks significantly more unwanted solar energy than standard clear glass and dark tinted glass, resulting in less air-conditioning use



Model/CPD: Operator:			8R71F/GTK-A-4 Fixed Casement					8R00A/GTK-A-5 Picture					8R71L/R/GTK-A-7 Casement					8R81A/GTK-A-8 Awning					3R10A/GTK-A-20 Single Slider Lift Out*				
Name		OT	U	U _{Si}	SHGC	R	ER	U	U _{Si}	SHGC	R	ER	U	U _{Si}	SHGC	R	ER	U	U _{Si}	SHGC	R	ER	U	U _{Si}	SHGC	R	ER
Solar Shield 3DK	Triple	1.00	0.15	0.85	0.27	R6.6	37	0.14	0.79	0.29	R7.1	34	0.16	0.90	0.24	R6.2	34	0.16	0.90	0.24	R6.2	34	0.18	1.02	0.27	R5.5	33
Solar Shield 3D	Triple	1.00	0.19	1.08	0.27	R5.2	32	0.18	1.02	0.29	R5.5	29	0.20	1.13	0.24	R5.0	29	0.20	1.13	0.24	R5.0	29	0.23	1.31	0.27	R4.3	26
Solar Shield 3	Triple	1.00	0.24	1.36	0.29	R4.1	27	0.23	1.31	0.31	R4.3	30	0.23	1.31	0.32	R4.3	30	0.23	1.31	0.32	R4.3	30	0.27	1.53	0.29	R3.7	23
Solar Shield S ³	Dual	0.87	0.26	1.48	0.22	R3.8	21	0.26	1.48	0.23	R3.8	21	0.26	1.48	0.19	R3.8	19	0.26	1.48	0.19	R3.8	18	0.27	1.53	0.21	R3.7	18
Solar Shield	Dual	0.87	0.27	1.53	0.31	R3.7	24	0.26	1.48	0.34	R3.8	27	0.26	1.48	0.28	R3.8	24	0.26	1.48	0.28	R3.8	24	0.28	1.59	0.31	R3.5	22
Clear/Air/Clear	Dual	0.87	0.44	2.50	0.60	R2.2	19	0.45	2.56	0.64	R2.2	21	0.41	2.33	0.52	R2.4	19	0.41	2.33	0.52	R2.4	19	0.45	2.56	0.59	R2.2	18

Model/CPD: Operator:			3R40A/GTK-A-21 Single Hung					8R10A/GTK-A-23 Double Slider Lift Out					8R40A/GTK-A-24 Double Hung					8R21A/GTK-A-30 Double Slider Tilt					3R21A/GTK-A-32 Single Slider Tilt				
Name		OT	U	U _{Si}	SHGC	R	ER	U	U _{Si}	SHGC	R	ER	U	U _{Si}	SHGC	R	ER	U	U _{Si}	SHGC	R	ER	U	U _{Si}	SHGC	R	ER
Solar Shield 3DK	Triple	0.87	0.18	1.02	0.27	R5.5	33	0.19	1.08	0.25	R5.2	30	0.19	1.08	0.25	R5.2	30	0.19	1.08	0.25	R5.2	30	0.18	1.02	0.27	R5.5	33
Solar Shield 3D	Triple	0.87	0.23	1.31	0.27	R4.3	26	0.24	1.36	0.25	R4.1	24	0.24	1.36	0.25	R4.1	24	0.24	1.36	0.25	R4.1	23	0.23	1.31	0.27	R4.3	26
Solar Shield 3	Triple	0.87	0.27	1.53	0.29	R3.7	23	0.27	1.53	0.27	R3.7	21	0.28	1.59	0.27	R3.5	20	0.28	1.59	0.27	R3.5	20	0.27	1.53	0.29	R3.7	23
Solar Shield S ³	Dual	0.87	0.28	1.59	0.21	R3.5	17	0.27	1.59	0.20	R3.7	22	0.28	1.59	0.20	R3.5	16	0.28	1.59	0.20	R3.5	16	0.28	1.59	0.21	R3.5	17
Solar Shield	Dual	0.87	0.28	1.59	0.31	R3.5	22	0.28	1.59	0.29	R3.5	21	0.28	1.59	0.29	R3.5	21	0.28	1.59	0.29	R3.5	21	0.28	1.59	0.31	R3.5	23
Clear/Air/Clear	Dual	0.87	0.45	2.56	0.59	R2.2	18	0.44	2.50	0.55	R2.2	16	0.44	2.50	0.55	R2.2	16	0.44	2.50	0.55	R2.2	16	0.45	2.56	0.59	R2.2	18

Whole window values.

Glass Package Terminology

Solar Shield 3DK: Triple-pane unit with 2 panes of Low-E glass, 2 air spaces of krypton gas.

Solar Shield 3D: Triple-pane unit with 2 panes of Low-E glass, 2 air spaces of argon gas.

Solar Shield 3: Triple-pane unit with 1 pane of Low-E glass, 2 air spaces of argon gas.

Solar Shield S³: Double-pane unit with 1 pane of 3-coat Low-E glass and argon gas.

Solar Shield: Double-pane unit with 1 pane of Low-E glass and argon gas.

Clear: Double-pane clear glass unit.



Be sure to ask your Gentek representative about ENERGY STAR® Most Efficient products.



1001 Corporate Drive | Burlington, ON L7L 5V5
gentek.ca | *Make us a part of your home.*

*Insulated glass (IG) units that require capillary tubes may experience some argon gas depletion. †See your Gentek Sales Representative for additional information regarding any questions you might have, or any assertions herein, concerning energy efficiency or savings. Energy savings will vary. *Triple-pane glass packages for Model 3R10A/GTK-A-20 windows have an OT of 0.87 similar to those listed in the chart directly above. All specifications and designs subject to change without notice. Super Spacer is a registered trademark of Edgetech I.G. Inc. ENERGY STAR logo reproduced with permission of the Minister of Natural Resources Canada, 2004. Accessible formats and communication supports available upon request.