



COMFORT Select® R42

High Performance Single-Silver Neutral Low-E Soft-Coated Glass

AGC COMFORT Select R42 is a neutral, reflective, soft-coated low-e glass designed to block solar energy providing a 0.25 U-value, 0.44 SHGC, and 65% VLT. The mid-range solar heat gain coefficient (SHGC) makes COMFORT Select R42 ideal for moderate to cooler climates of the North and North Central regions.

COMFORT Select R42

What's so special about it?

What does this mean for you?

Solar control low-e with stunning reflectance

- Moderate solar control and good U-value for cooler regions
- High visible light transmission 65% (VLT) for plenty of natural daylighting
- Ideal for commercial applications and residential high-rise

Legendary neutral reflective coating

- High-level outdoor reflectance of 25%
- Neutral reflectance provides uniform appearance for building envelope
- Sputter-coating designed for unique aesthetic and energy efficiency

Low-e coating technology

- Versatile product for regions where air conditioning is used most of the year, while still providing energy savings in cooler temperatures with a 0.25 (Argon) winter U-value
- Annealed and Post-Temperable

Performance

Product name	Coating Position	Color	Transmittance %			Reflectance %			Winter U-value (Imperial)		Solar Heat Gain Coefficient (SHGC)	Light to Solar Gain (LSG)	DW Index
			Visible	Solar	UV	Out	In	Solar	Air	Argon			
Insulating glazing unit: Based on 3/4" (19mm) Unit: 1/8" (3mm) 1/2" (13mm) spacer 1/8" (3mm)													
COMFORT Select R42	Surface 2	Neutral	65	40	25	25	20	38	0.30	0.25	0.44	1.49	0.50
COMFORT Select R42 U4	Surface 2 & 4	Neutral	59	36	19	27	22	39	0.24	0.20	0.41	1.45	0.44

- Exterior use only
- Insulating
- Tempering & heat-strengthening
- Laminated
- Standard thickness
2.5mm (SGL), 3mm (1/8"),
4mm (5/32"), 5mm (3/16")
- Optional thickness
See ENERGY Select® Commercial
Low-E Coatings

IGU configurations

There are virtually unlimited Comfort Select R42 IGU configurations that are possible with this product. Please contact AGC for more information.

Build your own IGU

With the AGC online Glass Calculator you can quickly and easily build your own AGC IGU and calculate its performance data. Visit www.agcglass.com Tools & Resources.

Envision COMFORT Select R42

With the AGC Architectural Glass Visualizer you can see how COMFORT Select looks on a variety of buildings and under various conditions. Visit www.agcglass.com Tools & Resources.

Let AGC help build your spec

As the world's largest glass manufacturer, AGC offers the widest range of products. No matter what brand or type of glass you typically specify, there is an AGC product that will perform equally or better. If you have glass specifications that you would like re-written to reflect AGC products, contact a knowledgeable and helpful AGC architectural representative today.

Availability

As part of AGC's commitment to providing world-class customer service, AGC distribution centers, strategically located throughout North America, provide you with easy, convenient, and fast access to the most popular AGC products. Contact AGC for product samples or for a distribution center near you.