

**Magsong Inc.** is an American manufacturer of novel proprietary Low-E, soundproofing glass for residential and commercial energy saving applications (sunroom, bus/cars, hotels, skyscrapers, and warehouse) with the following characterized by the Mag-G multi-layer stack. Our product lines include single pane, multi-pane glass in flat, curved, or irregular shapes.

**Single-pane Window Thermal Blocking Effect (>15 Clear Glass Panels)**

1. **Soundproofing** effect with a sound reduction of 10 dB, one of the best soundproof glasses on the market.
2. **Thermal insulation** in summer days, the add-on Mag-G window blocks infra-red radiation in-flow for a 6–10 °F decrease of room temperature (inversely, 6–10 °F increase for winter) resulting approximately 50% energy cost saving.
3. **Mechanical Impact Resistant** (passing “steel-ball drop Testing”), and superior **fireproofing** property.
4. **\*Low-cost implementation** comes with single-pane add-on without scrapping existing windows for a same-day installation for most houses.

**Magsong Multi-pane Window Specifications**

Glass Configuration	Visible Light		Solar Energy (VIS+IR)		NFRC2010		Optical Parameter		
Glass Configuration 1.1 (Single cavity)	Trans%	Reflectance%		Ref. %	Trans%	U Value W/m <sup>2</sup> .k		SHGC	SC
		Inner	Outer	Outer		Winter	Summer		
	50	19.2	17.5	35.2	21	1.37	1.28	0.25	0.29
Reflective Color: Blue									
Glass Configuration 1.2 (Single cavity)	Trans%	Reflectance%		Ref. %	Trans%	U Value W/m <sup>2</sup> .k		SHGC	SC
		Inner	Outer	Outer		Winter	Summer		
	48	18.7	17.2	31.4	20	1.37	1.28	0.25	0.29
Reflective Color: Blue									
Glass Configuration 2.1 (Double cavity)	Trans%	Reflectance%		Ref. %	Trans%	U Value W/m <sup>2</sup> .k		SHGC	SC
		Inner	Outer	Outer		Winter	Summer		
	6Mag+12Ar +6Mag+12Ar+TP6C	40	18.8	18.5	35.8	14.9	0.69	0.7	0.2
Reflective Color: Blue									
Glass Configuration 2.2 (Double cavity)	Trans%	Reflectance%		Ref. %	Trans%	U Value W/m <sup>2</sup> .k		SHGC	SC
		Inner	Outer	Outer		Winter	Summer		
	8Mag+12Ar +8Mag+12Ar+TP8C	39	18.3	18.2	35.8	14.5	0.69	0.70	0.2
Reflective Color: Blue									

MAGSONG Inc. website: [www.magsong.com](http://www.magsong.com)