

Clear 8 Mil

Type: Safety | Color: Clear
Product Code: CL 800 PS SR

Visible Light:

Transmitted %	86.0
Reflected Exterior %	9.0
Reflected Interior %	9.0
Glare Reduction %	3.0

Total Solar Energy:

Transmitted %	73.0
Reflected %	8.0
Absorbed %	20.0

Other Solar Properties:

Shading Coefficient	0.90
Solar Heat Gain Coefficient	0.79
U-Factor	1.05
Ultraviolet Rejection %	≥ 99.0
Emissivity	0.90
Light to Solar Gain	1.09
Total Solar Energy Rejection %	21.0
Infrared Rejection %*	36.0
Infrared Energy Rejection %	26.0

Physical Properties

Film Thickness	0.0095"
Structural Component	0.008"
Structure	Multi-Ply Laminate
Adhesive Type	Acrylic Pressure Sensitive
Tensile Strength	25,000 PSI Avg. MD/TD
Break Strength	200 Pounds Per Inch (Width)
Peel Strength	5 to 6 pounds Per Inch

Clear 8 Mil Performance on Installed Windows as Certified by the NFRC**

Type	Default Glazing Reference	SHGC w/o Film	SHGC with Film	VLT w/o Film	VLT with Film	U-Factor with Film
Residential	3 mm (1/8") clear	0.72	0.68	0.74	0.71	1.10
Residential †	3 mm (1/8") clear 3 mm (1/8") clear	0.64	0.62	0.67	0.64	0.72
Non Residential	6 mm (1/4") clear	0.73	0.70	0.78	0.75	1.04
Non Residential	6 mm (1/4") grey	0.52	0.52	0.39	0.37	1.04
Non Residential †	6 mm (1/4") clear 6 mm (1/4") clear	0.63	0.62	0.69	0.67	0.59
Non Residential †	6 mm (1/4") grey 6 mm (1/4") clear	0.41	0.41	0.35	0.33	0.59

* IR Rejection based on average transmission from 780-2500nm. ** As certified by the National Fenestration Rating council (NFRC).

† Dual pane window. **Note:** Please refer to the last page for further detail regarding testing and performance data.