Modular Poly Clear
2 mil Window Film

Add solar protection to polycarbonate and other rigid plastic substrates

Modular Poly Clear 2 mil is a stackable film that adheres to rigid plastic substrates and is designed to be combined with solar window films that are intended for glass surfaces. This creates a new film construction ideal for use with acrylic or polycarbonate windows and skylights.

Key Features and Benefits

- Combo-solution platform that enables transformation of rigid plastic substrates to any shade and heat rejection level needed
- No cure time required when stacking films
- Engineered for interior and exterior use*
- Compatible with a wide range of rigid plastics sheets (including polycarbonate and acrylic sheets), designed to resist bubbling/blistering from outgassing, and delamination
- Superb optical clarity with no compromise to vision

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*Engineered for polycarbonate substrates. Not intended to be used alone but in combination with a Solar Film or a Design Film.

**For sloped/horizontal application, only external installation will be warrantied.
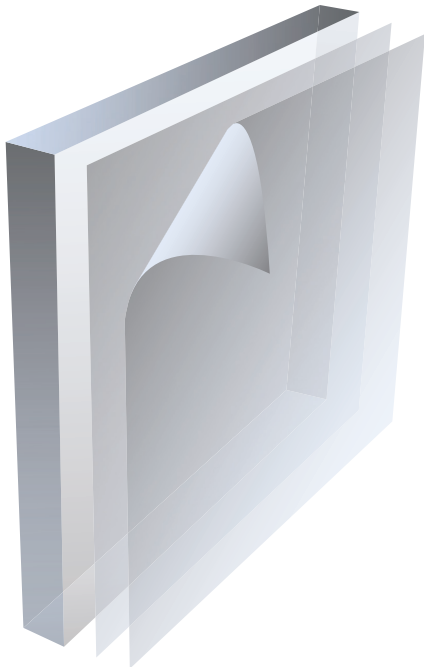
Product Information

The key advantage of Modular Poly Clear 2 mil Window Film is its stackability. Combine it with other films to create custom solutions for rigid plastic surfaces. Some examples:

‣ Solar protection: Combine Modular Poly Clear 2 mil film with a solar window film
‣ Privacy: Combine Modular Poly Clear 2 mil with a decorative window film to create privacy and added aesthetics

Common Applications

‣ Bus shelters
‣ Sunrooms
‣ Acrylic windows in schools, hospitals, and treatment facilities
‣ Interior acrylic partitions
‣ Water vessels
‣ Public transport with safety enhanced windows
‣ Skylights

Modular Poly Clear 2 mil (⅛" clear glass)	
Visible Light Transmitted	88%
Visible Light Reflected External	11%
Visible Light Reflected Internal	11%
Glare Reduction	2%
Total Solar Energy Transmitted	80%
Total Solar Energy Reflected External	10%
Total Solar Energy Absorbed	10%
Shading Coefficient (SC)	0.96
Solar Heat Gain Coefficient (SHGC)	0.83
U Factor	1.03
UV Rejection	<99%
Emissivity	0.82
Light to Solar Gain	1.06
Total Solar Energy Rejected (TSER)	17%
IR Rejection	22%
Infrared Energy Rejection (IRER)	18%

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