

Blister Free 600

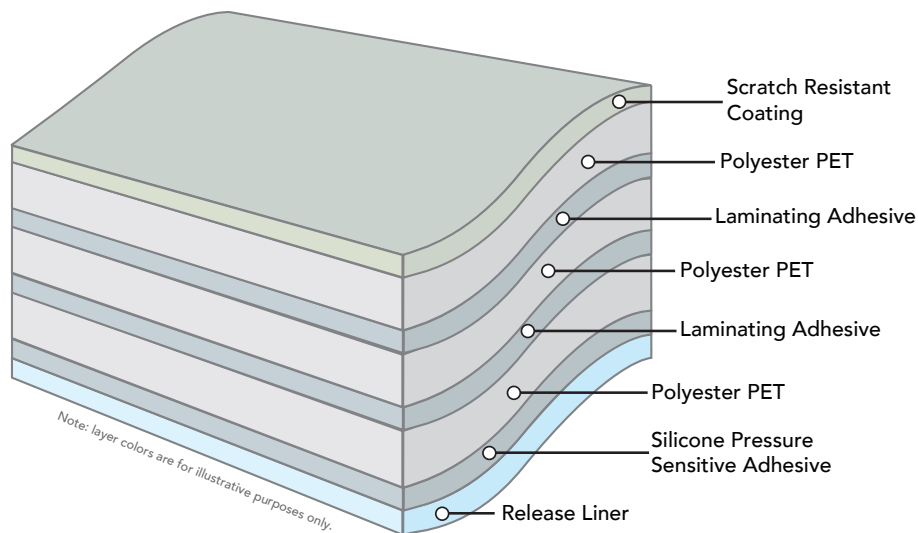
High Performance
Surface Protection Film

Madico's Blister Free 600 is designed to provide maximum surface protection for polycarbonate and other polymer surfaces at an economical price point. Blister Free 600 offers optical clarity with ultraviolet protection and 89% visible light transmission. This film is highly effective at protecting surfaces from damage over time and can be readily replaced in the field. The materials used in the construction are environmentally friendly, compliant to EU RoHS regulations, REACH regulations and meets reaction to fire requirements according to EN 45545.

Material Construction:

- Scratch resistant coating
- Polyester PET
- Laminating adhesive
- Silicone pressure sensitive adhesive
- Release Liner
- Total film thickness of 7 mil

All thicknesses are based on nominal data.



Film Characteristics:

- Meets interior and exterior EN 45545 Hazard Level 1, 2 and 3
- ≥44% UV rejection
- Coating abrasion resistance ≤5.0% Delta Haze
- Pencil hardness ≥3H

Applications:

- Transit system
- Transportation depots and platforms
- Point-of-sale kiosks and ATM machines
- Electronic information displays
- Schools
- Vending machines
- Skylights

Benefits:

- Invisible vandalism protection
- Optically clear and distortion free
- Easy installation and removal
- Retains broken fragments
- Minimizes repair and replacement costs
- Field replaceable
- Scratch and chemical resistant



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Technical Performance

Film Characteristics:

Test Method

Total Solar Energy

ANSI/NFRC 100,200

Transmitted.....77%

Reflected.....9%

Absorbed.....14%

Visible Light

ANSI/NFRC 100,200

Transmitted.....87%

Reflected.....10%

Absorbed.....3%

Ultraviolet Light

ANSI/NFRC 100,200

Transmitted.....56%

Rejected.....44%

Physical Properties:

Film Thickness.....0.007 inch

Structural Component.....0.006 inch

Mounting Adhesive Type Silicone pressure sensitive

Abrasion Resistance ≤5% Delta Haze

ASTM D - 1044

Base Film Type Polyester (PET)

Pencil Hardness ≥3H

Reaction to Fire Certification..... Interior and Exterior Compliant

EN 45545

Chemical and Stain Resistance:

Chemical resistance: Alcohol, aldehydes, hydrocarbons, chlorinated solvents, diluted acids, and alkalines.

Stain resistance: Resistant to most food, chemical and medicinal staining agents.

The representations of performance and suitability for use contained in this datasheet are guidelines. Since only the user is aware of the specific conditions in which the product is to be used, responsibility to determine whether the product is suitable for that intended need belongs to the purchaser.

