



# LEXGARD® LAMINATES

## LEXGARD® MP750 Laminate

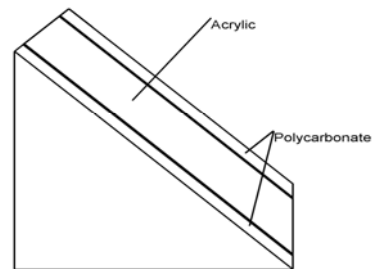
### Product Datasheet

#### Description

LEXGARD® MP750 laminate is a three-ply polycarbonate and acrylic laminate primarily developed for security protection. LEXGARD® MP750 laminate combines dependable ballistic protection and exceptional abrasion resistance.

#### Typical Property Values

Property	Value
Gauge/Tolerance	.750" ±8%
Weight	4.6 lbs per sq. ft
Shading Coefficient	1.04 Clear
U-Factor	.71
% Light Transmission (Average Gardner Value)	87 Clear



LEXGARD® Laminates MP750

#### Specifications

LEXGARD® MP750 Laminate:

Three-ply, clear, extruded polycarbonate and acrylic sheet of the following construction:

- 1/8" Polycarbonate sheet with an abrasion resistant surface
- Polyurethane interlayer
- 1/2" Acrylic sheet
- Polyurethane interlayer
- 1/8" Polycarbonate sheet with an abrasion resistant surface

Available Colors	Clear (112) Bronze (5109) Grey (713) Green (31035)
Standard Sheet Sizes (in inches)	48 X 48    48 X 60 48 X 72    48 X 96 60 X 96    72 X 96

Material shall have a flexural strength not less than 13,500 psi (ASTM D790); 87% light transmission (ASTM D1003). Material shall be a total thickness of .750 ±8%. Material shall have an abrasion resistant surface to improve service life performance, and must conform with ICBO, BOCA, and SBCCI Model Building Codes as an Approved Light Transmitting Plastic with a C2 (CC22) flammability performance level.

#### Ballistic Ratings

- Recognized by Underwriters Laboratories as providing Level 1 (9mm) protection per UL Standard 752.

#### Glazing Information

Structural security metal framing rated to the appropriate bullet resistant level is suggested.

A minimum edge engagement of one (1) inch is recommended with allowances for material expansion. (Larger lites may require deeper engagements.)

The use of compatible sealant or gasket material is recommended, with flexible material on both sides of the laminate.

Do not use PVC gasket material.

Do not use setting blocks made from PVC, EPDM, or neoprene rubber materials. Santoprene® rubber should be suggested. If these other rubber products are required, a protective barrier material should be used between the rubber setting block and the LEXGARD® sheet edge.

\* Santoprene is a registered trademark of Exxon Mobil Corporation  
LEXGARD® is a registered trademark of LEXGARD® Laminates LLC  
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