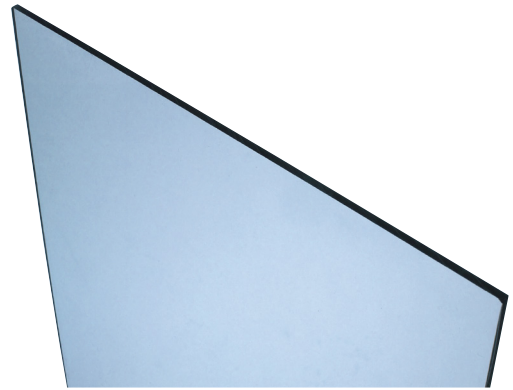


# NEW FORMABLE HARD-COATED LEXAN™ MARGARD™ FHC10 SHEET

FOR GLAZING APPLICATIONS TO COMPLY  
WITH UPDATED ECE R43 SAFETY REGULATION

LEXAN™ MARGARD™ sheet offers optical clarity in combination with a unique abrasion and UV resistance, which can make it an excellent candidate for safety and security glazing to suit a wide range of applications. It can be used for both flat and curved glazing. Unique coatings offer high abrasion resistance, anti-fog behavior and increased resistance to UV weathering.



## NOW AVAILABLE WITH UNIQUE FORMABLE HARD COATING

LEXAN™ MARGARD™ FHC10 sheet is a formable silicone hard coat using dual cure (thermal/thermal) technology. The coating is pre-cured sufficiently so that it can be handled and machined as any regular polycarbonate sheet, but maintains enough flexibility to be formable within the specified limits.

Primary applications are moderately shaped glazing components for [lower-production vehicles where injection molding is less cost-effective](#). Additionally, LEXAN MARGARD FHC10 sheet is a highly versatile product that can be used for non-automotive glazing, such as machine guards, cabin glazing for heavy equipment and many other typically formed and post-coated applications today.

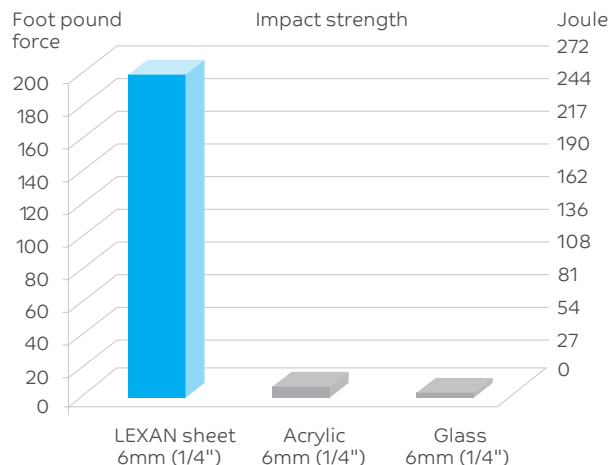


## BENEFITS

- Virtually unbreakable - 40 times stronger than acrylic, minimizing replacement costs
- Offers superior mechanical properties
- Outstanding impact strength
- High optical quality
- Crystal-clear transparency with low ripple and distortion
- Extremely low number of optical defects
- Resistant to common chemicals, weathering and ultraviolet (UV) light.

## EXTREMELY HIGH IMPACT RESISTANCE

Like all LEXAN™ sheet products, LEXAN MARGARD sheet may offer extremely high impact resistance, minimizing the risk of breakage — even when subjected to violent blows by heavy objects. This impact resistance does not vary significantly over a wide temperature range (–40 °C to +120 °C) or after prolonged outdoor exposure.



**FIGURE 1 IMPACT RESISTANCE**  
Falling dart impact test 5 pounds (2.3 kg.) steel dart 1" (25.4 mm) diameter dip

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