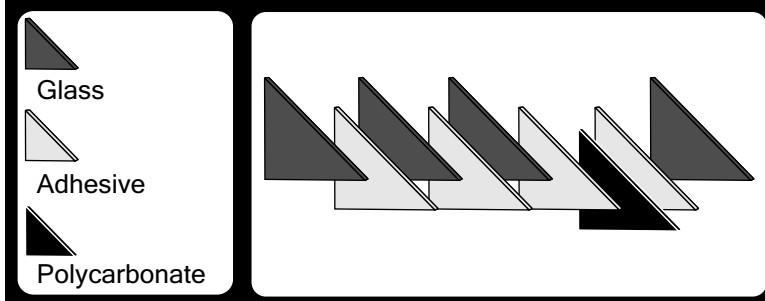


**GLASS CLAD BALLISTIC LAMINATE**



**PRODUCT DETAILS\***

PART NUMBER	LTI-GCP3
SPALL TYPE	LOW-SPALL
WEIGHT	16.04Lb/SqFt
THICKNESS	1.4600 in
MAX SIZE	60 X 96 in
SMARTGLASS OPTION AVAIL	YES

\*Represents typical properties, not intended for specification

**TESTING PROTOCOLS**

STANDARD USED	RESULT
UL LEVEL 3 - 3 SHOTS/ .44 Mag	PASSED /NO PENETRATION / LOW-SPALL

**DESCRIPTION**

The LTI-GCP3 security glazing is an asymmetrical composite of clear or tinted glass, clear adhesive interlayers, and high quality polycarbonate with an overall nominal thickness of 1.4600".

The demands for security glass is increasing. The LTI Glass Clad Polycarbonate Series products are custom manufactured to be utilized in secure environments where consistent quality and optimum optical clarity are priorities.

**GLAZING INFORMATION**

The LTI Group strongly suggests the use of a suitable structural security framing with an appropriate protection rating.

A minimum framing engagement of one (1) inch is recommended, (Larger lites may require deeper engagements.)

It is imperative to the life and durability of certain composite types that compatible sealant or gasket material is used on both sides of the laminate. An appropriate sealant solution can be specified by LTI if required.

The LTI Group produces the finest glass and composite laminates in the world, proper care during installation will ensure years of superior performance.

**LTI-GCP3 SPECIFICATION**

Glass x4 plies  
 Clear adhesive interlayer x4 plies  
 Polycarbonate x1 ply  
 9 Individual layers make up the LTI-GCP3 composite  
 Special fabrication services (i.e. shapes, holes, notches, insulated units) are available.

**STANDARDS**

ASTM C 1036-91 for float glass  
 ASTM C 1349 for laminate quality  
 ASTM C1048 - Standard Specification for Heat-Treated Flat Glass Kind HS, Kind FT Coated and Uncoated Glass.  
 ANSI Z97.1, CPSC 16 CFR 1201 Cat I & 2 for Impact

**LTI SMART GLASS, INC.**

LENOX, MASS. +1.413.637.5001

**LAMINATED TECHNOLOGIES, INC.**

MELBOURNE, FL +1.321.751.1130

**WARRANTY**

Limited Warranty- LTI warranties the LTI-GCP3 laminate system against plastic and glass delamination for a 5 year period from date of shipment see additional warranty details online at [www.LTISG.com](http://www.LTISG.com).