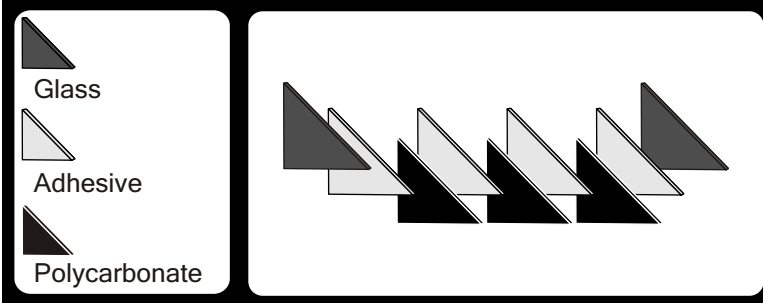




# SMARTGARD – GCP1316

## CONTAINMENT GRADE SYMMETRICAL LAMINATE

## PRODUCT DETAILS\*



PART NUMBER	LTI-GCP1316
SPALL TYPE	LOW-SPALL
WEIGHT	6.160Lb/SqFt
THICKNESS	0.7750 in
MAX SIZE	60 X 96 in
SMARTGLASS OPTION AVAIL	YES

\*Represents typical properties, not intended for specification

## TESTING PROTOCOLS

STANDARD USED	RESULT
HPW -T.P 0500.03 Level II Forced Entry	PASSED
357 (3 shot) UL LEVEL 2 passed / no penetration -spall only (3 shot) UL Level 1 passed / no penetration -spall	
WMFL Level III - 30 Minute Physical Attack	PASSED

## DESCRIPTION

The SMARTGARD-GCP1316 containment security glazing is a symmetrical composite of heat strengthened, tempered or annealed glass, clear adhesive interlayers, and a multilayer high quality polycarbonate core with an overall nominal thickness of 0.7750".

The demands for security glass is increasing. The LTI Containment Grade products are custom manufactured to be utilized in secure environment applications 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.

## SMARTGARD-GCP1616 SPECIFICATION

- 1/8" Glass x2 plies
- Clear adhesive interlayer x4 plies
- 1/8" Polycarbonate x2 plies
- 1/4" Polycarbonate x1 ply
- 9 Individual layers make up the SMARTGARD-GCP1316 composite

## 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.

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## WARRANTY

Limited Warranty- LTI warranties the SMARTGARD-GCP1316 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).

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