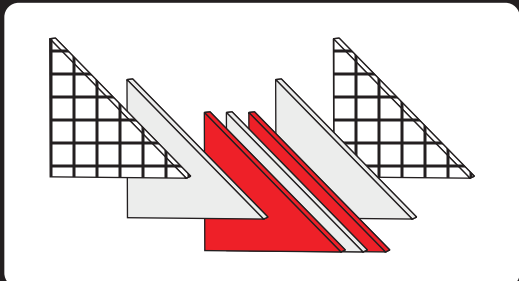
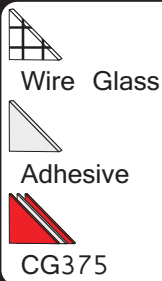




# SMARTGARD – GCPFR1000

## CONTAINMENT GRADE SYMMETRICAL LAMINATE



## PRODUCT DETAILS\*

PART NUMBER	GCPFR1000
SPALL TYPE	LOW-SPALL
WEIGHT	9.25 Lb/SqFt
THICKNESS	1.00 (+/- 1/16") <sup>**</sup>
GROOVE WIDTH = THICKNESS + 1/10"	

\*Represents typical properties, not intended for specification

Note: This product has wired glass on both surfaces and it is impossible to line up the wire glass up perfectly.

## TESTING PROTOCOLS

STANDARD USED	RESULT
ASTM F1915	GRADE 3
HP WHITE TP0500.03	LEVEL 1 STEP 15
WMFL LEVEL III – 30 Min. PHYSICAL ATTACK	PASSED
UL 9, UL 10B and UL 10C	REFER TO UL FILE: KCMZ.R26581

## GLAZING INFORMATION

Refer to UL File KCMZ.R26581

Refer to GANA glazing manual for general instruction information A copy of LTI's installation instructions with detail will be included with your order. To receive a copy please call LTI Smart Glass at 1+413.637.5001

**Glazing compound: Use Only Model Metacaulk Blaze Seal, Model Metacaulk 990, Metacaulk 950**

GCPFR1000 is rated for the following:

Rating Min	Application	Max Exposed (Sq In)	Max Width Exposed Glz In	Max Height Exposed Glz In
45	Window, Transom, Sidelight	1744	42	42
45	Swinging Hollow Metal Door	1344	42	42
90	Swinging Hollow Metal Door	100	3	33

## DESCRIPTION

A symmetrical composite of two clear 1/4" lites of fire rated UL listed wire glass laminated to a HYGARD® CG375 core. All LTI Security Products are custom manufactured to be utilized in secure environments where consistent quality and optimum optical clarity are priorities.

Hygard CG375 is a two ply laminated polycarbonate constructed with two 3/16" layers of Makrolon® polycarbonate sheet bonded by an adhesive inter-layer.

The SMARTGARD-GCPFR100 has an overall thickness of: 1.00 (+/- 1/16")<sup>\*\*</sup>

## STANDARDS

ANSI Z97.1  
 CPSC 16 CFR 1201 Category I & II  
 ASTM C 1036  
 UL 9 & UL 10B

## OEM MANUFACTURER

**LTI SMART GLASS, INC.**  
 LENOX, MASS. +1.413.637.5001  
 PITTSFIELD, MASS +1.413.637.5001

## WARRANTY

Limited Warranty– LTI warranties the SMARTGARD – GCPFR1000 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).

**PLEASE READ:**

Allied Protective Glazing LLC and/or Sheffield Plastics Inc. will not be responsible for the use of this information relative to actual application. Users must make their own determination of its suitability for their specific application. No warranty is made for the fitness of any product, and nothing herein waives any of the seller's conditions of sale.

