



Hygard[®] CG

Containment Grade Polycarbonate

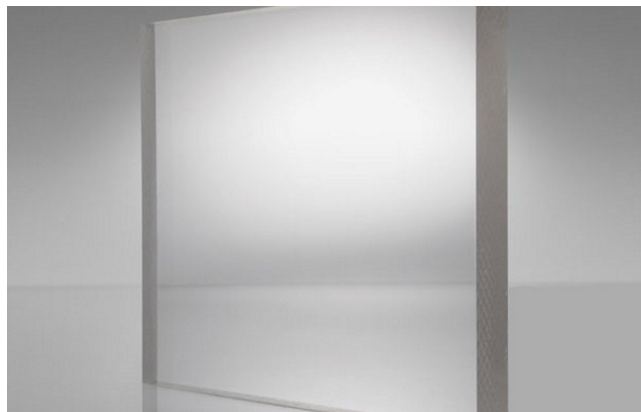
Description and Overview

Hygard[®] Containment Grade polycarbonate sheets have been tested to ASTM F 1915 (detention facility glazing testing), ASTM F 1233 (standard testing for security glazing materials), and H.P. White TP 0500 standards. They resist spalling and white-out after high force impacts. This resistance maintains the high optical clarity of Hygard[®] CG, even during the event of an attack.

Applications and Uses

Hygard[®] CG sheet ratings are dependent on thickness. A .375 inch sheet is rated Grade 3 under the ASTM F1915 test method, while .500 inch and .750 inch sheets are rated Grade 1. Hygard[®] CG polycarbonate sheets are used in critical areas where safety and security are the top priority.

- Jails
- Detention centers
- Psychiatric hospitals
- Reception areas
- Convenience stores
- Check cashing centers of facilities



Properties and Specifications

Property	Values
Gauge / Tolerance	0.522 in ± 5%
	3.3 lbs / sq ft
Shading Coefficient	0.90
U-Value	0.74
Light Transmission	83%

*Typical properties are not intended for specification purposes.

Product Performance Ratings

BALLISTIC

H.P. White TP 0500, Level A

ASTM F 1233, Class HG1 .38 Special LRN

FORCED ENTRY & CONTAINMENT

ASTM F 1233 Class 1.5 (contraband passage) and Class 3.2 (body passage)

ASTM F 1915 Grade 1

H.P. White TP 0500 Level 1 Sequence 15

Agency Information

Combustibility Class CC1, Florida Building Code 2017, 6th Ed., Miami-Dade NOA: NOA

Properties are typical.
Chem is an abbreviation for chemically affixed with glues, chemicals, or adhesive.
Mech is an abbreviation for mechanically affixed bonding.
Field testing is recommended for any application.

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WARNING: This product can expose you to chemicals including Bisphenol A, CAS 80-05-7, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov



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