



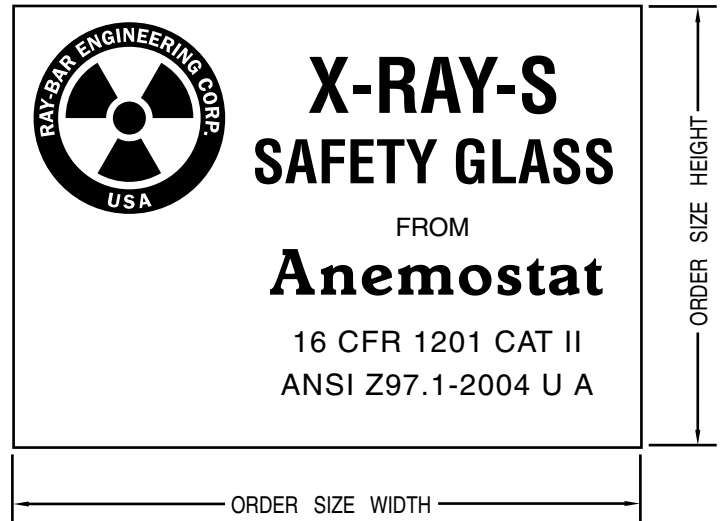
TECHNICAL DATA
FROM
Anemostat[®]
DOOR PRODUCTS
A MESTEK COMPANY

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X-RAY-S GLASS
Impact/Safety Rated
CATEGORY II IMPACT/SAFETY RATED
X-RAY GLASS
NON-Impact/Safety Rated
5/16" (8mm) CLEAR
Radiation Protective Lead Glass

DETAIL DRAWING



STANDARD PRODUCT FEATURES

- **MATERIAL:** 5/16" (8mm) X-Ray-S Safety Glass
5/16" (8mm) X-Ray Glass - Non-Safety Rated
- **FINISH:** Clear with slight yellow hue
- **INSTALLATION:** By using glazing tape or glazing compound on both sides of glass, sandwiched between a lead lined metal vision frame, or lead lined steel window frame.
- **CLASSIFICATION MARKINGS:** Each piece of glass is cut to size. 5/16" (8mm) X-Ray Safety Glass is permanently marked as meeting ANSI Z97.1 and CPSC 16 CFR 1201 Cat II requirements for impact resistance.
- **USES:** In applications requiring up to 2mm lead equivalent for X-Ray protection and impact resistance in a lead lined door or sidelite.
- **LEAD EQUIVALENT:** Nominal 2.0mm
- **LBS. LEAD EQUIVALENT / SQ. FT.:** 5.0 +
- **LIGHT TRANSMISSION:** 86% +

NOTE: Customer must specify lead shielding equivalent requirement. Calculations for lead shielding requirements should be determined by a health physicist currently recognized by the state in which the project occurs.

OPTIONAL FEATURES

- **SIZES:** Customized glass sizes to fit most any shape lead lined vision frame. Maximum size available is 48" x 96" (1219mm x 2438mm). Higher lead equivalencies are available upon request.
- Also available in a non-safety rated version for use in non-hazardous locations.

FIRE RATINGS (w/ U.L. classification markings) Positive Pressure

- Only when utilizing Lead Lined **FGS-MS5-FR** and **FireLite® NT** or **FireLite® Plus**
- 20/45 minute: approved listing at 1296 square inch (0.836 m²) visible lite
 - 60/90 minute: approved listing at 100 square inch (0.065 m²) visible lite

IMPACT / SAFETY RATINGS

- X-Ray-S (only)**
Meets ANSI Z97.1-2004 and CPSC 16CFR-1201.
- Category II - over 9 sq. ft. (0.836 m²)

CODE ACCEPTANCE AND CERTIFICATIONS

- Meets Federal Specification DD-G-451
- Meets NCRP Report #49 and #147

| | |
|---------------------|--------------|
| Job Name & Location | Submitted by |
| | |