



# Screen Printed Control Panel Overlay

Chemical & Solvent Resistant • Abrasion Resistant • Custom Printed & Programmed • Custom Designs Available • Durable Product ID

## Technical Data Sheet

**Part: #WFS- OS-0008**

### General Description

#### Screen Printed Control Panel Overlay

- Harsh- environment resistant
- Different thicknesses and finishes available
- Completely customizable
- Abrasion and water resistant

Lexan overlays are customizable with materials, thicknesses, colors, cutouts, transparent windows, embossed buttons and adhesives— making them adaptable to a wide variety of environments and applications. The overlays are dimensionally stable and form a protective barrier between the environment and your equipment.

### Applications

Product Marking, Harsh Environments, Electronic Equipment & Devices, Medical Equipment

### Material Description

#### Lexan® Facestock

*Lexan® polycarbonate is available in a wide variety of thickness (.002" - .080") and finishes (clear, suede, velvet)*

Overall Thickness	10.0 mil ± 10% (available in 0.005, 0.007, 0.010, 0.015, 0.20")
Expected Outdoor Life	7 - 10 years
Service Temperature range	-40° F to 302° F
Minimum Application Temperature	50° F
Water Resistance	Excellent
Oil Resistance	Good
Solvents Resistance	Fair
UV Resistance	Fair
Abrasion Resistance	Excellent

### Adhesive

#### Stored at 70°F/50% relative humidity

*Adhesive with excellent clarity, high temp performance and harsh environment resistance. The thick coat weight improves performance on textured surfaces.*

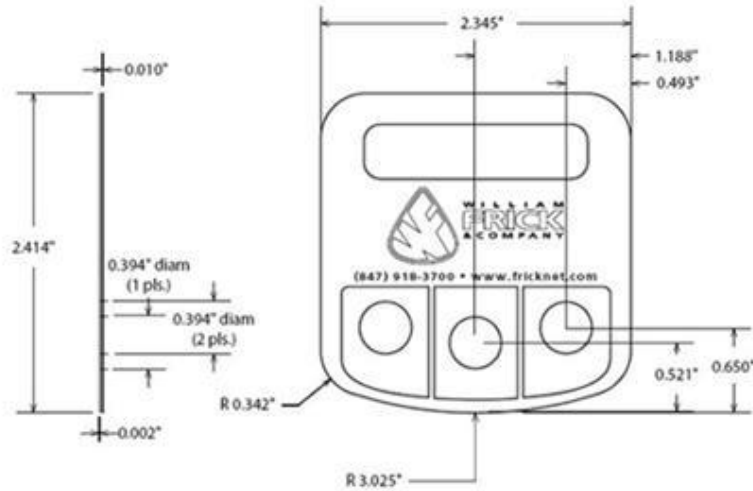
Type	Clear Acrylic
Thickness	0.005"
Adhesion to Steel at 72 hr. dwell	Excellent
Adhesion to Glass at 72 hr. dwell	Good
Adhesion to LSE plastics	Poor
Adhesion to HSE plastics	Good



# Shelf life

Stored at 70°F/50% relative humidity

1 year



ALL DIMENSIONS ARE IN INCHES  
UNLESS OTHERWISE SPECIFIED

**TOLERANCES**

3 PLACE DECIMAL + OR-.005"

2 PLACE DECIMAL + OR-.02"

1 PLACE DECIMAL + OR-.1"

**MAX SURFACE ROUGHNESS**

ALL MACHINED SURFACES

EXCEPT AS NOTIFIED

**BREAK SHARP EDGES AND CORNERS**

.010" MAX

Contact No.

**William Frick & Co.**

[www.fricknet.com](http://www.fricknet.com)

DWG.

Engr.

Chk.

Aprvd.

**Screen Printed Control Panel Overlay**

Size.

DWG No.

WFS- OS-0008

Rev.

