

SPECIFICATION LEXAN J-SIGN

Scope:

This specification covers modular subsurface printed Lexan signs that can be hung from a rope.

Material:

The sign shall be constructed from yellow Lexan.

A. Base Lexan – Yellow General Electric Lexan (or equivalent polycarbonate) with a thickness of 0.125" shall be used. The Lexan or equivalent film shall have the following properties:

<u>PROPERTY</u>	TEST METHOD	<u>VALUE</u>
Tensile Strength (yield)	ASTM D882	9,000 psi
Tear Strength (initiation)	ASTM D1004	1,100 #/in
Flexural Defection Temperature	ASTM D648 (@264 psi)	275F
Flammability Rating	UL94	V-2

- B. Top Lexan Sheet The top Lexan sheet shall be clear and have a thickness of 0.20.
- C. Adhesive White acrylic foam adhesive shall be used to bond the top 0.20 clear sheet to the yellow Lexan.

Peel Strength	PSTC-1	240oz/in
Shear Strength	PSTC-7 (4-psi)	>5.000 min

- D. Inserts The inserts shall be constructed from 0.20 thick yellow Lexan.
- E. The right hand side of the sign and the top clear Lexan sheet shall have thumb holes that allow the user to easily remove an insert.

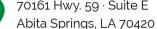
Printing:

The 0.125 yellow Lexan base and 0.20 yellow Lexan inserts shall be screen printed with acrylic inks. The type style shall be Helvetica regular. The printing shall be magenta on a yellow background. The rad symbol shall meet ANSI N2.1-89.

985-809-8085









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Ultraviolet Degration:

Manufacturer is to warrant a "Five year life against fading" of the sign. Manufacturer's name is to be listed at bottom of sign.

Grommets:

Each corner of the sign shall have a brass grommet with an inside diameter of 5/16".

J-Slot for Rope:

The top of the sign shall have slots that allow the sign to hang from a rope. Tie wraps or nylon fasteners shall not be used.

Sign Dimensions:

The sign shall have the following dimensions

	<u>Height</u>	<u>Width</u>
Small Sign	12.0"	8.00"
Medium Sign	14.5"	8.00"
Large Sign	16.75"	8.00"
Insert	1.68"	8.00"

Standard:

Signs shall meet Underwriters Laboratories standard 10B which covers the fire test of door assemblies dated May, 1986

Ordering Information:

GS1000 8" x 12"	J-Sign – 3 Pocket
GS1001 8" x 16.75"	J-Sign – 5 Pocket
GS2999 8" x 14.5"	J-Sign – 4 Pocket