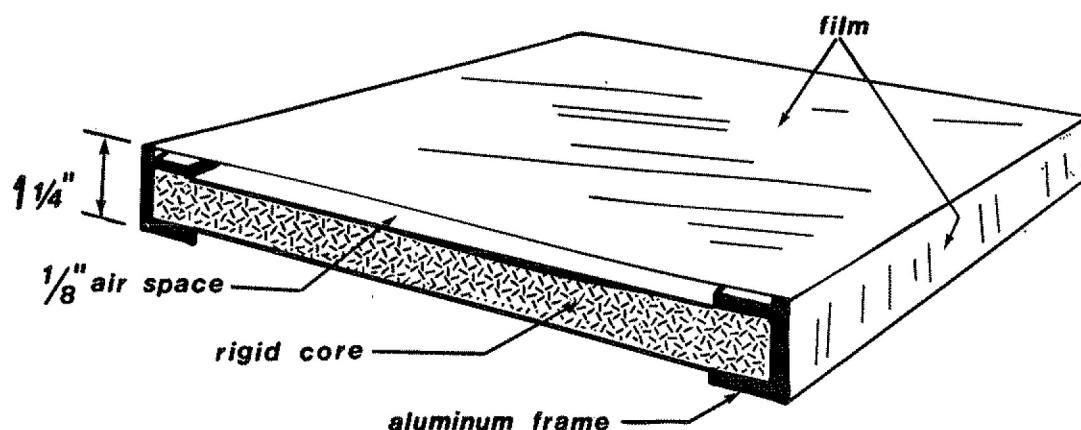




## Glassless Mirror Specifications



### DESCRIPTION

**Glassless Mirrors** consists of a rigid foam core framed by an aluminum extrusion. The frame has a raised lip around the four edges. A polyester film, aluminized on the back side, is stretched across the raised edges to form the mirror surface. Because the film is mounted on raised edges, an air space is created between the back of the film and the core. This air space,  $\frac{1}{8}$ ", allows the film to flex under minor impact without damage.

### DIMENSIONS AND SIZES

Mirrors are available in nominal 1" and  $1\frac{1}{4}$ " thicknesses. Thickness may vary for small or very large custom size mirrors.

### STANDARD SIZES

Typical standard sizes are listed below:

24" x 24"	36" x 36"	48" x 48"
24" x 48"	36" x 48"	48" x 60"
24" x 72"	36" x 72"	48" x 72"
24" x 96"	36" x 96"	48" x 96"

**Custom sizes** are available up to a maximum width of 70" and length of 12 feet (or longer with special construction). Custom shapes are also possible including triangles and trapezoids.

### PHYSICAL PROPERTIES

**WEIGHT:** Approximately 6 oz. per square foot. A 4 ft. x 8 ft. (32 sq. ft.) Glassless Mirror weighs 12 lbs.

#### CORE

**COMPOSITION:** Aluminum foil-faced isocyanurate

**INSULATION VALUE:** 6.0 for 1" thickness

**FRAME:** Aluminum extrusion-nonflammable

**POLYESTER FILM:** Of insufficient mass to be considered a hazard.

### APPLICATIONS

**Glassless Mirrors** expand reflection beyond the practical limitations of conventional glass mirrors. The unique construction of **Glassless Mirror** provides **optical clarity**, **ghostless images** and **distortion-free color** previously found only in more expensive front surface glass mirrors. **Lightweight** and **portable**, they require no complex mounting system. **Shatterproof Glassless Mirrors** are safe and are able to withstand shock and vibration.

**EXHIBITION.** For the designer, **Glassless Mirrors** introduce a new means for dramatic presentation. Lightweight and shatterproof, they enable the display of all sides of a product with ease and complete safety. Point of purchase displays, exhibitions and display cases are but a few examples of their versatility. **Glassless Mirrors** provide an excellent surface for silk screen printing. Patterns, pictures, words and advertisements can be color-printed permanently and clearly.

**ARCHITECTURE.** The versatility of **Glassless Mirror** enables it to adapt to creative demands. **Glassless** ceiling and wall mirrors heighten visual perception of space with ghost-free clarity. Lower in-place costs allow space to be manipulated at will.

**MONITORING.** **Glassless Mirrors** contribute to today's growing need for the protection of life and property. Inaccessible industrial processes can be monitored with easily installed light-weight **Glassless Mirrors**. For security and surveillance systems, mirrors can be placed in strategic locations. An unobtrusive, low maintenance system can be installed quickly and inexpensively.

**VISUAL AIDS.** **Glassless Mirrors** are teaching tools for artistic and athletic instruction. Their safety, lightweight and portability find application in gyms, skating rinks, swimming pools, hospitals and health clubs. **Glassless Mirrors** are suitable for use as front surface mirrors in optical projection systems. Rear screen projection systems are easily devised.

**THEATRICALS.** The lightweight, ease of fixturing and inherent safety make **Glassless Mirrors** a good choice for theatrical use. They are readily mounted for use on flying and pivoting scenery. Lighting can be directed to otherwise inaccessible locations. Special effects are possible with custom made two-way mirrors.