Cinescreen® Rigid Rear Screens

Only From Draper

Draper Cinescreens differ from any other rigid rear projection screens in two *extremely important* respects:

• Cinescreen optical coatings have been formulated to provide *inherent* abrasion resistance. No other manufacturer offers you this protection.

• Only Draper offers you a choice of six different optical coatings, each of which is available in your choice of three unique optical tints. With a Draper Cinescreen, you can select the *optimum combination* of optical coating and tint based upon your projection equipment, audience seating pattern, desired contrast level, screen aspect ratio, ambient light level and aesthetic considerations. *Only Draper offers you this versatility.* If you need assistance in determining the ideal optical coating and tint for your particular requirement, contact Draper or your local Draper dealer.

Planning Checklist

When specifying or ordering a Cinescreen, we need to know:
  • Dimensions
  • Substrate and thickness
  • Optical coating and tint
  • ArmorKote® or NonGlare, if required
  • Factory-installed framing—system number and finish, if required

Substrates

Draper uses the finest plate glass and clear acrylic as Cinescreen substrates. Optical qualities are very similar: today's acrylics have been improved and exhibit slightly better transmission than plate glass. Here are some other distinguishing characteristics:

• *Cineglass®*—Recommended for maximum sound isolation, scratch resistance, and service life. Weighs approximately twice as much as acrylic, breaks more easily, must be installed by a glazier. Available in a greater range of sizes than Cineplex: through 10′ x 20′.

• *Cineplex®*—Lightweight, durable and break resistant. Easier to install. Requires more care in cleaning, as acrylic scratches more easily than glass. Less soundproof than glass.

	Cineglass			Cineplex		
Thickness	¼″	⅜″	½″	¼″	⅜″	½″
Max. Size*	6′x8′	10′x17′	10′x17′	9′x13′6″	9′x20′	9′x20′
Weight/sq. ft. (lbs.)						
Net	3.5	5	7	1.5	2.5	3.5
Shipping	8.5	10.5	12.5	6.5	7.5	8.5

*Larger sizes available on request. Contact Draper for details.

Ten-Year Warranty

All Draper Cinescreens are covered by a limited ten-year warranty against defects in materials and workmanship. Complete warranty terms will be furnished upon request.

Optical Coatings

Cinescreens may be furnished with your choice of six optical coatings:

• *Cine 10*—Ultra-wide angle coating for maximum center-to-corner uniformity of projected image: gain 1.0. Suitable for high output projectors.

• *Cine 13*—Gain of 1.3, with extremely broad viewing cone and uniform distribution of projected light. Use with all projection formats, including higher-luminance video and data-graphics projection.

• *Cine 15*—Benchmark wide-angle coating. Gain of 1.5, with uniform distribution of projected light. For all formats, including higher-luminance video projectors.

• *Cine 18*—For medium to wide-angle viewing, with on-axis gain of 1.8. Suitable for all projection formats, including video.

• *Cine 20*—Peak gain 2.0, with a somewhat broader viewing cone than Cine 25. Suitable for relatively high ambient light conditions. For all projection formats, including data, graphics, and video.

• *Cine 25*—Suitable for narrow viewing cones and lower output projectors. On-axis gain 2.5. Good image resolution and color reproduction.

Optical Tints

The optical tint is an important modifier of the optical coating. Tint influences image contrast and color value. All six Draper optical coatings are available in 3 optical tints (NG, HC, W), to allow the specifier to select the optimum combination of brightness, viewing angle, and contrast level for the planned installation.

HC—High Contrast (e.g. Cine 13hc)—Dark grey tint. Exceptional contrast and color rendition. Excellent light dispersion properties. Enhances legibility of computer generated data displays with light or bright text against a dark background: dark colors and black are reproduced with remarkable accuracy. HC tint performs equally well with static and moving displays.

NG—Neutral Grey (e.g. Cine 13ng)—Standard formulation. Medium grey tint. Normal contrast levels and good color rendition. Brightness levels are uniform throughout entire viewing cone. Suitable for all projection formats and images.

W—White (e.g. Cine 13w)—Neutral white tint. Low contrast levels with some loss in color rendition. Enhances the rear screen's ability to reflect a laser pointer beam. Not recommended for computer graphic/data displays. Requires lower light level in audience area.

Be sure to specify NG, HC or W along with the required optical and protective coatings.