## Screen Material Selection Guide

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<td>White Sound Transparent</td>
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<td>White</td>
<td>White</td>
<td>White</td>
<td>White</td>
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<tr>
<td>Screen Gain</td>
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<tr>
<td>Viewing Angle</td>
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<td>160°</td>
<td>80°</td>
<td>180°</td>
<td>180°</td>
<td>180°</td>
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<tr>
<td>Mildew Resistant</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Hand Cleanable</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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Note: Most screen materials listed above are in stock for each series with the exception of a few requiring them to be custom made and may be subject to special order and delivered in 60-90 days.
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<tr>
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<td>Versatile for Multiple Applications</td>
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<td>Dry-Erase Projection Screen Surface</td>
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<tr>
<td>Type</td>
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<td>Scratch-Resistant Optical nanotech resin</td>
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<td>Rear Gain</td>
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<td>Viewing Angle</td>
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<td>120°</td>
<td>180°</td>
<td>70°</td>
<td>160°</td>
<td>180°</td>
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<tr>
<td>Mildew Resistant</td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>Yes</td>
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<td>Yes</td>
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<tr>
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AcousticPro UHD

Gain: 1.0  
View Angle: 180° (90° L/R)

Acoustically Transparent Angular Weaved Front Screen Material

The AcousticPro UHD (ultra-high definition) is a self-supported acoustically transparent front projection screen material. The dense synthetic weave is compatible with Ultra-High Definition/4K resolutions while mitigating light penetration for a brighter picture. The AcousticPro UHD design maximizes sound penetration with minimal attenuation without compromising picture quality. The AcousticPro UHD material’s wide diffusion uniformity offers a broad viewing angle with superb picture quality across the entire surface. This provides equal brightness levels on or off axis.

- Wide diffusion uniformity – maintains luminance levels throughout entire surface
- Mildew Resistant
- Flame Retardant
- 4K UHD and Active 3D ready

Available on: Evanesce, Spectrum & Saker Tab-Tension

AcousticPro4K

Gain: 1.1  
View Angle: 160° (80° L/R)

Acoustically Transparent Woven Screen Material

The AcousticPro-4K has an ultra-white front projection screen surface with a 1.1 gain that provides excellent color neutrality for superb color reproduction along with wide diffusion uniformity. The angular weave is designed to handle 4K (4096x2160) and 1080P (1920x1080) projectors while eliminating the visual artifact known as moiré effect. The dense mesh of the material with its ultra-fine perforations creates a projection canvas that almost identically resembles our best-selling and award winning CineWhite material. The virtual absence of the acoustic perforations means sound is not compromised and a clear sonic transparency is achieved.

- Acoustically Transparent Matte White (sheer weave)
- Gain: 1.1 (magnesium carbonate control)
- Superb off-axis luminance
- Optimal color neutrality; color shift is not compromised
- Moiré-free
- Designed for both 1080P (1920x1080) and 4K (4096x2160) projector resolutions
- Black backing eliminates backlighting artifacts from light bleed-through

Exclusive for EPV products only
A closer look at each screen material’s features and benefits

**CineWhite**

*Tensioned PVC Front Projection Material*

CineWhite (Tension White) has broad light dispersion through diffusion uniformity, black & white contrast and true color rendition making it the most versatile material in Elite's tension screen product lines. This tension PVC surface is the best choice for today's high-contrast ratio projector in commercial or residential presentations. The CineWhite™ matte white material equals the performance to our MaxWhite product, but improves the experience with superior surface flatness. Uniform diffusion surface has black-backing to eliminate light penetration and is easily washable with mild soap and water.

- Multi-Layer PVC with Texture and Surface Coating
- Mildew Resistant
- Black backing

Available on: CineTension2, Evanesce Tension B, Evanesce Tension, ezFrame, ezFrame 2, SableFrame, Aeon, SableFrame 2, Lunette, Lunette 2, QuickStand & Yard Master 2

**AcousticPro1080P3**

*Acoustically Transparent Angular Weaved Front Screen Material*

The AcousticPro 1080P3 is an acoustically transparent front projection material. The angular weave eliminates the moire effect while presenting warm neutral colors for today's high definition 1080P (1920x1080) projectors. The AcousticPro 1080P3 allows speaker placement behind while allowing an exceptional acoustically transparent performance.

- Acoustically Transparent Matte White (angular tight weave)
- Superb off-axis luminance
- Designed for 1080P (1920x1080) projector resolutions
- Detachable black backing eliminates backlighting artifacts from light bleed-through
- Mean attenuation of -3.09 dB at 8k – 20kHz

Available on: SableFrame, ezFrame & Lunette
### CineGrey

**Tensioned PVC Front Projection Contrast Material**

CineGrey (Tension High Contrast Grey) is designed for low contrast DLP and LCD Home Cinema Projectors. Its superior flatness makes the CineGrey ideal for home theater use. It enhances black levels while minimizing loss in color reproduction. Uniform diffusion surface has black-backing to eliminate light penetration and is easily washable with mild soap and water.

*Manufacturer’s tip: if your projector’s contrast ratio is more than 2000:1, we recommend you use CineWhite material for a brighter picture.*

- Multi-Layer textured PVC with Surface Coating
- Mildew Resistant
- Black backing
- Surface can be cleaned with moist cotton cloth (water)

**Available on:** Designer Cut, CineTension2, ezFrame, ezFrame 2, SableFrame & EPV Peregrine HD Fixed Frame

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### CineGrey 5D

**Ambient Light Rejecting 2D/3D Screen Material**

CineGrey 5D is an ambient light rejecting front material for 2D and Active or Passive 3D Steroscopic presentations. The high gain/contrast properties improve the brightness and contrast levels in ambient light environments for both 2D and 3D.

- High fidelity gray surface produces superb clarity and sharp images
- Screen Surface can be cleaned with mild soap and water
- 88% polarization retention
- Angular-Reflective and Ambient Light Rejecting technology
- Mildew Resistant
- Perfect companion piece for Airflex5D - 2D/3D Multi-Projector Stacking System to form as a professional grade passive 3D system

"The material was reasonably color neutral. It appeared to have a very smooth surface. It also had many sparkling elements to increase the gain. This material is intended to aid in rooms with significant scattered light from walls and ceilings. This is an excellent alternative to a Firehawk."

  - W. Jeff Meier, AV Consultant
  - www.accucalhd.com

**Available on:** ezFrame
DarkStar™ 9
Gain: 0.9
View Angle: 180° (90° L/R)

Ambient Light Rejecting Front Projection Material

The DarkStar® 9 possesses very similar characteristics of our award winning 1.4 gain DarkStar® but now offers a wider viewing angle and a very close to unity gain without the compromise of ambient light rejection, contrast enhancement, resolution, and color accuracy. As opposed to the 1.4 gain material of the original DarkStar® material, the DarkStar® 9 tones down the reflective brightness to .9 gain so that it may further enhance color temperature to more optimal performance levels with a wider viewing angle. Although both DS materials boast D65 color neutrality, the DarkStar®: 9 sacrifices the extra brightness to improve its color balance.

- Wide viewing angle
- Active filters absorb ambient light from above – Does not reflect back as non-optical screens do and produce a washout effect
- 6x contrast increase over standard matte white screens
- Uniformity across entire screen surface with no color shift, texture, bright spots, or dark corners
- Color accurate: Complies with SPMTE .004 standards in dark room environments
- Certified by the Imaging Science Foundation
- Full HD, Ultra HD, and 4K compatible

Exclusive for EPV products only

DarkStar™
Gain: 1.4
View Angle: 70° (35° L/R)

Ambient Light Rejecting Screen Material

The DarkStar™ is a professionally engineered Ambient Light-Rejecting front projection material. It incorporates optical filters that actively reflect a projected image while preventing indirect or ambient light from “washing out” the picture. The 0.3mm thick retro-reflective material has been designed specifically for the home theater environment. With the sublime balance of gain, contrast and viewing angle, the DarkStar™ brings a hard-hitting performance to both well-lit or dark room.

- Direct light reflection technology
- Special neutral black tint maintains color balance and contrast with high gain
- Scratch-resistant protective outer coating
- Multiple layers interact artifact-free without glare

Exclusive for EPV products only
MaxWhite

Front Projection Screen Material

MaxWhite Screen Material is the most versatile screen surface for front projection presentations. This material provides the widest possible viewing angles with perfect diffusion uniformity. It gives precise definition, image color reproduction and black & white contrast. Screen material has black backing to prevent light penetration and can be cleaned safely with mild soap and water. Woven screen material is a multi-layer, cross-array coated with a matte white reflective compound.

- Multi-Layer Weave and Textured Surface Coating
- Mildew Resistant
- Black Backing
- Screen Surface can be easily cleaned


MaxWhite FG

Fiber Glass-Backed Woven Front Projection Screen Material

MaxWhite FG is fiber glass backed for added stiffness which provides the flattest possible non-tensioned screen surface with universal applications. This material has uniform diffusion while giving precise definition, color reproduction and black & white contrast. The screen surface has a black-backing to eliminate light penetration. It is mildew resistant and washable with mild soap and water. *Manufacturer Tip: This is an enhanced matte white product for higher end DLP/LCD projectors. It is suitable for commercial or residential presentations.

- Multi-Layer Weave with black fiber glass backing
- Mildew Resistant
- Screen Surface can be easily cleaned

Available on: Home2, VMAX2, Manual SRM Pro, Spectrum2, Saker, Saker Tab-Tension, Evanesce, Evanesce B, Evanesce Plus, QuickStand 5-Second, Kestrel, Kestrel Home & Kestrel Stage
Screen Material Selection Guide
A closer look at each screen material’s features and benefits

MaxWhite Plus
Woven Front Projection Screen Material

MaxWhite Plus Screen Material is the newest 5-meter seamless front projection material for 200”~400” commercial sized screens. Since the material is seamless, there is a total absence of piece lines that can ruin the effect of a presentation. Its diffusion uniformity, precise definition, color reproduction and black & white contrast makes it a superb large room presentation screen. Screen Surface can be cleaned safely with mild soap and water. Woven screen material is a, multi-layer, cross-array coated with matte white reflective compound and fiberglass backed for enhanced flatness.

- Multi-Layer Weave and Textured Surface Coating
- Mildew Resistant
- Black Backing
- Screen Surface can be easily cleaned
- Seamless up to 5m width

Available on: VMAX Plus3 & VMAX Plus4

VersaWhite
Multi-layer Matte White Front Projection Screen with dry erase surface

Elite’s VersaWhite material performs as versatile as a Matte White screen material with the addition of being a dry-erase surface as well. The surface is coated with a transparent dry-erase layer for use as a whiteboard while keeping uniform diffusion and enhancing true color rendition. Ideal for short throw projectors.

- Unique optical coating with high uniformity, picture clarity and dry-erase capability
- Mildew Resistant
- Surface can be cleaned as Dry Erase White Board

WraithVeil

**Tensioned PVC Rear Projection Material**

WraithVeil is our rear projection screen material. It has a high gain performance for applications with high levels of ambient light. Its 2.2 gain configuration is ideal for events such as clubs, restaurants, tradeshows, meeting rooms, and outside evening presentations. Its special surface coating enhances color reproduction and black level contrast with wide diffusion uniformity for large audiences. Seamless screen sizes are available in sizes up to 200” in 4:3 or 16:9 aspect ratios.

- Textured PVC with surface coating
- Mildew Resistant
- Screen Surface can be easily cleaned

Gain: 2.2  
View Angle: 160˚ (80˚ L/R)

Available on: ezFrame, QuickStand, Yard Master, Yard Master 2, DIY Screen, DIY Pro & CineTension2

WraithVeil 2

**Rear Projection Material**

WraithVeil 2 is a self-adhesive optical rear projection screen material. It is applied to clear glass/Plexiglass panels for the purpose of converting them into rear projection screens. Application is simple. Clean and moisten the glass surface, remove the protective film and apply. Wraith Veil 2 material is ideal for retail store windows, hanging signage, commercial offices, restaurants and nightclubs. Its special 2.2 gain brightness is ideal for ambient light while its design enhances color reproduction and black level contrast with 180˚ wide uniformity. Regular sizes from 74” to 151” measurements are available now. Seamless custom orders can be up to 3000 meters long for large commercial applications.

- Self-adhesive optical rear projection material
- Textured PET (Polyethylene terephthalate) with diffusion layer
- Material is easy to clean and maintain
- Special custom sizes up to 3000 meters long available

Gain: 2.2  
View Angle: 180˚ (90˚ L/R)

Available on: Insta-RP & Insta-RP2
**Screen Material Selection Guide**

A closer look at each screen material’s features and benefits

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**PowerGain**

Front Projection Tensioned PVC Pearlescent Screen Material

Elite’s PowerGain is perfect for environments where total ambient light control cannot be attained. This is an angular reflective material that provides crisp color reproduction, black & white contrast and resists hot spotting in the presence of ambient light. The textured pearlescent material has a black backing to avoid light penetration and is safely washable with mild soap and water. *Manufacturer’s tip: Use a high resolution-low output DLP projector for the best results with this material.*

- Multi-Layer PVC with textured surface coating
- Mildew Resistant
- Screen Surface can be easily cleaned

Gain: 1.8

View Angle: 120° (60° L/R)

Available on: SableFrame & CineTension2