



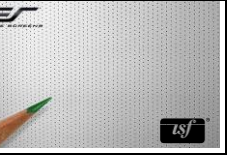

















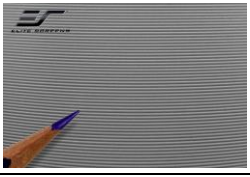
Elite Screens Projection Screen Materials Chart




| Screen Material Name | AcousticPro 1080P3 | AcousticPro UHD | CineWhite® A8K | CineGrey 3D® AT | CineGrey 4D AT |
|--|---|---|--|---|--|
| Picture |  |  |  |  |  |
| Description | The AcousticPro 1080P3 is the ultimate sound transparent front projection material. The tight angular weave eliminates the moiré effect while presenting warm neutral colors. The AcousticPro 1080P3 allows speaker placement behind the screen while allowing an exceptional acoustical and video performance. | The AcousticPro UHD is a moiré-free acoustically transparent front projection screen material. The dense synthetic weave is compatible with Ultra-High Definition/4K resolutions. The AcousticPro UHD design maximizes sound penetration with minimal attenuation without compromising picture quality. | The CineWhite® A8K is a multi-layer acoustically transparent front projection screen material designed to improve ultra-high resolution projectors. It has an ultra-fine knit weave with a bonded black backing that reduces light loss to provide a bright uniform picture in a dark room environment. | The CineGrey 3D® AT is an ambient and ceiling light rejecting (ALR/CLR®) projection screen material that is perforated to permit acoustic transparency for use with in-wall speakers. It is ISF Certified for accurate color reproduction, contrast and dynamic range to create a bright, crisp, and clear image. | The CineGrey 4D AT is an acoustically transparent front projection angular reflective material with ambient light rejecting technology for standard throw projectors. Its perforations permit speakers to be placed behind the screen with minimal attenuation. It is ISF Certified for accurate color reproduction. |
| Available in Screen Series | Lunette | Aeon, Spectrum, Saker Tab-Tension, Evanesce | Aeon | Aeon | Aeon |
| Type of material | White - Acoustically Transparent | White - Acoustically Transparent | White - Acoustically Transparent | Silver Gray - Acoustically Transparent | Silver Gray - Acoustically Transparent |
| Hole Size | 0.178 mm | 0.32 mm (avg) | 0.09 mm | 0.7 mm | 0.55 mm |
| Composition | Polyester Fabric | Polyester/PVC (off-white) - sheer weave | Polyester Fabric | PVC - Perforated | PVC - Perforated |
| Projection Type | Front | Front | Front | Front | Front |
| Ambient Light Rejecting | No | No | No | Yes - 65% | Yes - 63% |
| Gain | 1.1 | 1.0 | 1.1 | 1.2 | 1.1 |
| Viewing Angle | 180° | 180° | 170° | 90° | 70° |
| Black backing | Black scrim included | Black scrim included on Aeon only | Black scrim included on Aeon only | Black scrim included | Black scrim included |
| 3D Ready | Active 3D | Active 3D | Active 3D | Active 3D | Active 3D |
| 4K/8K Ultra HD Ready | Yes | Yes | Yes | Yes | Yes |
| Minimum Throw | 0.2 x Image Width | 0.2 x Image Width - Ultra/Short Throw on fixed frame 1.3 x Image Width Standard Throw on electric only | 0.1 x Image Width | 1.5: x Image Width | 1.5 x Image Width |
| Ultra/Short-throw projector compatible | Yes | Aeon AUHD only | Yes | No | No |
| Acoustic Transparency (Mean attenuation) | - 3.09 dB | - 2.36 dB | - 2.9 dB | - 6.04 dB | - 6.98 dB |
| Best for environments | In-wall speaker or behind speaker placement for 1080P and 4K projectors in a controlled room environment. | In-wall speaker or behind speaker placement for 1080P and 4K projectors in a controlled room environment. | In-wall speaker or behind speaker placement for high-resolution HD/UHD projectors in a controlled room environment. | In-wall speaker or behind speaker placement for 1080P and 4K projectors in a controlled room environment. | In-wall speaker or behind speaker placement for high-resolution HD/UHD projectors in a ambient light room environment. |

| Screen Material Name | CineWhite® | CineWhite® ISF | CineWhite® UHD-B | CineGrey |
|--|--|--|---|--|
| Picture |  |  |  |  |
| Description | CineWhite® has a broad light dispersion through diffusion uniformity. It enhances black & white levels while colors remain neutral. Perfectly flat projection material for the most demanding applications. | CineWhite® ISF is a reference-grade 1.1 gain screen material certified by the Imaging Science Foundation for its superb color balance performance. It has wide diffusion uniformity that allows equal brightness levels over a 180° viewing angle. | CineWhite® UHD-B is a front projection screen material that is certified by the world-renowned Imaging Science Foundation for achieving accurate color reproduction and image fidelity. | CineGrey is designed to improve contrast for home cinema projectors. It enhances black levels and improves picture contrast. |
| Available in Screen Series | Lunette 2, CineTension 3, Evanesce Tab-Tension B, Yard Master 2, Yard Master Plus, Yard Master Electric Tension, Yard Master Tab-Tension Wireless, Yard Master Manual Tension, Kestrel Tab-Tension 3, Manual Tab-Tension 2 | VMAX Tab-Tension 3 | Sable Frame 2/B2, Yard Master 2, Aeon, Designer Cut, Tripod Tab-Tension | Aeon, Designer Cut |
| Type of material | Tensioned Matte White (PVC Flexible) | Tensioned Matte White (PVC Flexible) | Tensioned Matte White (PVC Flexible) | Tensioned High Contrast Grey (PVC Flexible) |
| Projection Type | Front | Front | Front | Front |
| Ambient Light Rejecting | No | No | No | No |
| Gain | 1.1 | 1.1 | 1.3 | 1.0 |
| Viewing Angle | 180° | 180° | 180° | 160° |
| Black backing | Yes | No | Yes | Yes |
| 3D Ready | Active 3D | Active 3D | Active 3D | Active 3D |
| 4K/8K Ultra HD Ready | Yes | Yes | Yes | Yes |
| Ultra/Short-throw projector compatible | Yes | Yes | Yes | Yes |
| Minimum Throw | 0.2 x Image Width | 0.2 x Image Width | 0.2 x Image Width | 0.2 x Image Width |
| Best for Environments | Versatile for multiple applications in a light controlled room | Versatile for multiple applications in a light controlled room | Versatile for multiple applications in a light controlled room | Gray matte surface improves black levels in a room with light control. |
| GREENGUARD Certified | No | No | N/A | No |
| ISF Certified | Yes | Yes | Yes | No |





| Screen Material Name | MaxWhite® | MaxWhite® 2 | MaxWhite® Fiberglass | VersaWhite |
|--|--|---|---|--|
| Picture |  |  |  |  |
| Description | MaxWhite® is the most versatile screen surface for front projection presentations. This material provides a wide viewing angle while delivering radiant images and color reproduction. | MaxWhite® 2 is a matte white front projection material that's been crafted to achieve precise white levels for full color temperature neutrality to produce accurate colors while maintaining a wide viewing angle. | MaxWhite® FG is fiber glass backed for added stiffness which provides the strong durability and is tearproof. This material has uniform diffusion, excellent color reproduction and black & white contrast. | The VersaWhite material performs as versatile as a Matte White screen material with the addition dry-erase capabilities. |
| Available in Screen Series | Manual, ezCinema, VMAX 3, Yard Master Manual, ezCinema, Yard Master Electric | Manual B, Manual, Manual SRM Pro, Yard Master Sport, ezCinema 2, ezCinema Tab-Tension, Tripod, Tripod B, Spectrum | VMAX 3, Evanesce, Evanesce B, QuickStand 5-Second, Spectrum 2, PicoScreen | Insta-DE, Insta-DE 2a, Insta-DEM |
| Type of material | Matte White (multi-layer weave) | Matte White (multi-layer weave) | Matte White (multi-layer weave with fiberglass reinforcement) | Matte White (dry-erase) |
| Projection Type | Front | Front | Front | Front |
| Ambient Light Rejecting | No | No | No | No |
| Gain | 1.1 | 1.1 | 1.1 | 1.1 |
| Viewing Angle | 180° | 180° | 180° | 180° |
| Black backing | Yes | Yes | Yes | Insta-DE and Insta-DEM |
| 3D Ready | Active 3D | Active 3D | Active 3D | Active 3D |
| 4K/8K Ultra HD Ready | Yes | Yes | Yes | Yes |
| Ultra/Short-Throw projector compatible | No | No | No | Yes |
| Minimum Throw | 1.2 x Image Width | 1.2 x Image Width | 1.2 x Image Width | 0.2 x Image Width |
| Best for Environments | Versatile for multiple applications in a light controlled room | Versatile for multiple applications in a light controlled room | Versatile for multiple applications in a light controlled room | Dry-erase function for education, business, training facilities requiring a 2- in-1 product in a light controlled environment. |
| GREENGUARD Certified | Yes | Yes | Yes | Yes |
| ISF Certified | No | Yes | No | No |

| Screen Material Name | CineGrey 3D® | CineGrey 4D | CineGrey 5D® | StarBright 9® | StarBright CLR® 16 |
|--|---|--|--|---|---|
| Picture |  |  |  |  |  |
| Description | The CineGrey 3D® is a reference quality front projection screen material formulated for environments with minimal control over lighting. It was designed to enhance picture brightness, produce accurate color fidelity, and improve contrast levels. | The CineGrey 4D is a 1.1 gain front projection ceiling ambient light rejecting material for standard throw projectors. It can reject up to 63% of off-axis lighting while providing a bright, contrast-rich image in moderate light room environments. | The CineGrey 5D® is a front projection material designed to reject ambient light while maintaining superb picture quality. It's an ideal fit for rooms that have little or no control over incidental light and allows projector to reflect more light towards the viewer. | StarBright 9® front-projection Ceiling Ambient Light Rejecting material is a multiple-layer, optical microfilter-based surface that is capable of absorbing up to 95% overhead lighting. Its ISF Certification assures accurate color fidelity while providing the deepest blacks possible. | The StarBright CLR® 16 is a front projection screen material with ceiling ambient light rejecting technology. The internal micro-structure relies on a UV-resin to filter and absorb up to 90% of overhead light. The high-gain reflective surface allows projection images to present vivid, colorful, bright pictures that result in contrast-rich presentations. |
| Available in Screen Series | Sable Frame, Aeon EDGE FREE®, Designer Cut | Starling Tab-Tension 2, ezCinema Tab-Tension, Kestrel Tab-Tension 3 | Aeon EDGE FREE®, Starling Tab-Tension 2, Tripod Tab-Tension, Designer Cut, QuickStand 5-Second Tension | Sable Frame, Aeon EDGE FREE® | Aeon EDGE FREE® |
| Type of material | Silver/Gray (PVC flexible) | Silver (PVC flexible) | Silver/Gray (PVC flexible) | Dark Gray (PET) | Gray (PET) |
| Reflective technology type | Angular-Reflective | Angular-Reflective | Angular-Reflective | Retro-Reflective | Angular-Reflective |
| Ambient Light Rejecting | Yes (up to 65%) | Yes (up to 63%) | Yes (up to 75%) | Yes (up to 95%) | Yes (up to 90%) |
| Gain | 1.2 | 1.1 | 1.5 | 0.9 | 1.65 |
| Viewing Angle | 90° | 70° | 80° | 170° | 80° |
| Minimum Throw | 1.5 x Image Width | 1.5 x Image Width | 1.5 x Image Width | 1.5 x Image Width | 1.35 x Image Width |
| Black backing | No | No | No | Yes | Yes |
| 3D Ready | Active/Passive | Active | Active/Passive | Active | Active |
| Polarized for Passive 3D | Yes | No | Yes | No | No |
| 4K/8K Ultra HD Ready | Yes | Yes | Yes | Yes | Yes |
| Projection Type | Front | Front | Front | Front | Front |
| Ultra/Short-throw projector compatible | No | No | No | No | No |
| Best for environments | Moderate ambient light control rooms and dark rooms | Moderate ambient light control rooms and dark rooms | High ambient light control rooms and dark rooms | High ambient light control rooms and dark rooms | High ambient light control rooms and dark rooms |
| Recommended for | Excellent black level performance and accurate color reproduction, especially in dark rooms. Preserves color purity in moderate ceiling ambient light rooms. | Good black level performance and accurate color reproduction, especially in dark rooms. Preserves color purity in moderate ceiling ambient light rooms. | Excellent black level performance and accurate color reproduction, especially in dark rooms. Preserves color purity in high ceiling ambient light rooms. | Videophile grade black level performance and accurate color reproduction for movies, especially in dark rooms. Best at preserving color purity under ceiling lights. | Increases projector brightness and absorbs up to 90% of overhead lighting. Provides excellent picture clarity and color contrast in well-lit environments. |
| GREENGUARD Certified | Yes | N/A | Yes | N/A | N/A |
| Flame Retardant | Yes, Complies with NFPA 701 | N/A | Yes, Complies with NFPA 701 | N/A | N/A |
| ISF Certified | Yes | Yes | Yes | Yes | Yes |

| Screen Material Name | CLR® | CLR® 2 | CLR® 3 |
|----------------------------|---|--|---|
| Picture |  |  |  |
| Description | CLR® is a ceiling light-rejecting front projection material designed specifically for tabletop-mounted ultra-short-throw projectors. The CLR® features a multi-layer optical lens structure that absorbs light from above while providing a clear image. This allows the picture to be free from washing out the projected image. | The CLR® 2 is a front projection screen material that rejects up to 85% of overhead lighting and is made specifically for table-top short and ultra-short throw projectors. CLR®2 is designed using optical layers while the scratch-resistant laminate coating allows the material to double as a dry-erase "whiteboard". | The CLR® 3 is a ceiling ambient light rejecting front projection material designed specifically for tabletop-mounted ultra-short throw projectors. It uses optical microstructures to absorb up to 90% of overhead lighting while producing exceptional image brightness, color saturation and contrast for superior picture performance. |
| Available in Screen Series | Aeon CLR®, Starling Tab-Tension CLR®, Kestrel Tab-Tension CLR®, Kestrel Tab-Tension 2 CLR® | Aeon CLR® 2, Saker Tab-Tension CLR® 2 | Aeon CLR® 3, Light-ON CLR® 3, Starling Tab-Tension CLR® 3, Kestrel Tab-Tension 2 CLR® 3 |
| Type of material | Dark Gray (TPU) | Silver/Gray (PET) | Gray (TPU) |
| Reflective technology type | Retro-Reflective | Retro-Reflective | Retro-Reflective |
| Ambient Light Rejecting | Yes (up to 95%) | Yes (up to 90%) | Yes (up to 90%) |
| Gain | 0.6 | 0.9 | 0.8 |
| Viewing Angle | 180° | 160° | 170° |
| Minimum Throw | 0.1 - 0.4 x Image Width | 0.16 - 1.2 x Image Width | 0.1 - 0.4 x Image Width |
| Black backing | Yes | Yes | Yes |
| 3D Ready | Active | Active | Active |
| Scratch-resistant | No | Yes | No |
| 4K/8K Ultra HD Ready | Yes | Yes | Yes |
| ISF Certified | No | Yes | No |
| Projection Type | Front | Front | Front |
| Projector Type Compatible | Ultra-short Throw (tabletop only) | Ultra-short / Short-Throw (tabletop only) | Ultra-short Throw (tabletop only) |
| Best for environments | High ambient light control rooms and dark rooms | Moderate ambient light control rooms and dark rooms | Moderate ambient light control rooms and dark rooms |
| Recommended for | Videophile grade black level performance for movies, especially in dark rooms. Best at preserving color purity under ceiling lights. | Excellent black level performance and accurate color reproduction, especially in dark rooms. Preserves color purity under ceiling lights. | Excellent black level performance in dark rooms and preserving color purity under ceiling lights. |

| Screen Material Name | WraithVeil® | WraithVeil® 2 | WraithVeil® Dual |
|--|---|--|---|
| Product Picture |  |  |  |
| Description | WraithVeil® is our rear projection screen material. It has a high gain performance for applications with high levels of ambient light. Its special surface coating enhances color reproduction. | WraithVeil® 2 is a self-adhesive optical rear projection film designed for installations on clear glass/plexiglass panels for the purpose of converting them into rear projection screens. | The WraithVeil® Dual is a front/rear projection material designed to accommodate both projection methods. This 2-in-1 material eliminates the need to swap out the viewing surface which makes this a very versatile product. |
| Available in Screen Series | Yard Master 2 Rear, Yard Master Plus (optional) | Insta-RP 2 | Yard Master 2, CineTension 3, Yard Master Tension Electric |
| Type of material | Dark Gray (PVC Flexible) | PET Film (self-adhesive) | Light Grey (PVC Flexible) |
| Projection Type | Rear | Rear | Rear/Front |
| Ambient Light Rejecting | No | No | No |
| Gain | 2.2 | 2.2 | 0.8 |
| Viewing Angle | 120° | 160° | 150° |
| Black backing | N/A | N/A | N/A |
| 3D Ready | Active 3D | Active 3D | Active 3D |
| 4K/8K Ultra HD Ready | Yes | Yes | Yes |
| Ultra/Short-Throw projector compatible | No | Yes | Yes |
| Minimum Throw | 0.8 x Image width | 0.2 x Image width | 0.2 x Image width |
| Best for Environments | DJ events, Rental & Staging, ProAV, any applications requiring a rear projection system. | Rear projection installations on glass for retail store windows, hanging signage, commercial offices, restaurants and night clubs | Rear or Front applications for Rental & Staging, ProAV, DJ events in a light controlled environment. |

ImpactWhite® Golf/Multi-Sport Materials Comparison

| Screen Material Name | ImpactWhite® A4K | ImpactWhite® 350 | ImpactWhite® 360 | ImpactWhite® 1145 |
|---|--|--|--|---|
| Picture |  |  |  |  |
| Description | ImpactWhite® A4K is a single layer ultra-fine projection surface designed to provide high-fidelity projection images. It's capable of withstanding golf ball impact for Golf or Multi-Sport simulation applications. | The ImpactWhite® 350 is an impact screen front projection material designed to withstand golf ball impact. It has a tight weave that enables the projection surface to be smooth and provide high-resolution projection images. | ImpactWhite® 360 is a single-layer tightly woven fabric designed to provide exceptional projection imaging characteristics with the ability to also perform as a Golf Impact or Multi-Sport Simulation Screen. | ImpactWhite® 1145 is a three-layer warp knitted fabric formulated for maximum strength to withstand golf ball impact or any other sport simulation. Provides the highest image quality, and longevity. The projection surface performs at a theater-grade level |
| Recommended for | Home casual user. Minimal bounce back and impact noise. | Home casual, Professional and light Commercial use. Minimal bounce back and impact noise. | Home casual, Professional and light Commercial use. Minimal bounce back and impact noise. | Home, Professional and Commercial use. Best at dampening golf ball impact noise and very minimal bounce back. |
| Available in Screen Series | Designer Cut | GolfSim Portable | Designer Cut, GolfSim DIY Screen | Designer Cut, GolfSim DIY Screen, GolfSim Bay |
| Composition | 100% Polyester (tightly woven knit) | 100% Polyester (tightly woven knit with reinforcement) | 100% Polyester (tightly woven knit with reinforcement) | 100% Polyester (Heavy-duty multilayer fabric) |
| Number of layers | 1 | 1 | 1 | 3 |
| Thickness | 0.016" (0.41 mm) | 0.02" (0.52 mm) | 0.047" (1.2 mm) | 0.18" (4.5 mm) |
| Golf ball Impact rebound distance | 6.5 ft | 4.5 ft | 5.2 ft | 1.8 ft |
| Withstands Golf ball Speeds | Up to 200 mph | Up to 155 mph | Up to 200 mph | Up to 200 mph |
| Projection Type | Front | Front | Front | Front |
| Projector Compatibility | Short Throw | Short Throw | Short Throw | Short Throw |
| 4K/8K UHD Compatible | Up to 8K | UP to 8K | Up to 4K | Up to 4K |
| Gain | 0.9 | 0.85 | 1.0 | 0.8 |
| Viewing Angle | 170° | 170° | 180° | 180° |
| ISF Certified for Accurate Color Reproduction | No | Yes | Yes | Yes |

The life of our screens will vary upon use and is considered a wearable item. All screens are folded and shipped in a box. Some creasing may occur but may be removed with a steamer and/or light ironing set to no higher than Polyester.