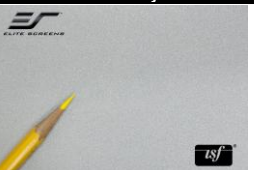
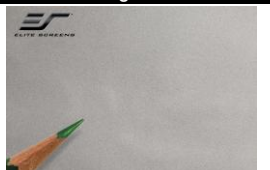


Elite Screens Projection Screen Materials Chart

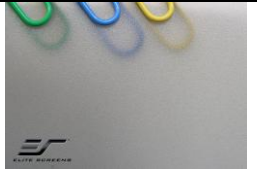
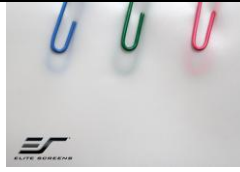
Screen Material Name	AcousticPro UHD	CineWhite® A8K	CineGrey 3D® AT	CineGrey 4D AT
Picture				
Description	The AcousticPro UHD is a moiré-free acoustically transparent front projection screen material. The dense synthetic weave is compatible with Ultra-High Definition/4K resolutions. The AcousticPro 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	Aeon, Spectrum, Saker Tab-Tension, Evanesce	Aeon	Aeon	Aeon, Starling Tab-Tension
Type of material	White - Acoustically Transparent	White - Acoustically Transparent	Silver Gray - Acoustically Transparent	Silver Gray - Acoustically Transparent
Hole Size	0.32 mm (avg)	0.09 mm	0.7 mm	0.55 mm
Composition	Polyester/PVC (off-white) - sheer weave	Polyester Fabric	PVC - Perforated	PVC - Perforated
Projection Type	Front	Front	Front	Front
Ambient Light Rejecting	No	No	Yes - 65%	Yes - 63%
Gain	1.0	1.1	1.2	1.1
Viewing Angle	180°	170°	90°	70°
Black backing	Black scrim included on Aeon only	Black scrim included on Aeon only	Black scrim included	Black scrim included on Aeon only
3D Ready	Active 3D	Active 3D	Active 3D	Active 3D
4K/8K Ultra HD Ready	Yes	Yes	Yes	Yes
Minimum Throw	1.3 x Image Width	0.1 x Image Width	1.5: x Image Width	1.5 x Image Width
Ultra/Short-throw projector compatible	No - Standard throw only	Yes	No - Standard throw only	No - Standard throw only
Acoustic Transparency (Mean attenuation)	- 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 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	CineWhite® P	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.	The CineWhite® P is a front projection screen material for applications in a controlled light environment. It provides a perfect color balance and white field uniformity with no hot spots and wide diffusion to ensure a clear and bright presentation.	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	VMAX Tab-Tension 3	Sable Frame 2/B2, Yard Master 2, Aeon, Designer Cut, Tripod Tab-Tension, Manual Tab-Tension 2	Manual Tab-Tension 3	Aeon, Designer Cut
Type of material	Tensioned Matte White (PVC Flexible)	Tensioned Matte White (PVC Flexible)	Tensioned Matte White (PVC Flexible)	White - Polyester Fabric	Tensioned High Contrast Grey (PVC Flexible)
Projection Type	Front	Front	Front	Front	Front
Ambient Light Rejecting	No	No	No	No	No
Gain	1.1	1.1	1.3	0.9	2.0
Viewing Angle	180°	180°	180°	180°	160°
Black backing	Yes	No	Yes	Yes	Yes
3D Ready	Active 3D	Active 3D	Active 3D	Active 3D	Active 3D
4K/8K Ultra HD Ready	Yes	Yes	Yes	Yes	Yes
Ultra/Short-throw projector compatible	Yes	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	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	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	No	No	No
ISF Certified	Yes	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 with perfect diffusion uniformity 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	ezCinema, Yard Master Manual, Yard Master Wireless, PicoScreen, Tripod, Tripod Lite Wall	Manual B, Manual, Manual SRM Pro, Yard Master Sport, ezCinema 2, Tripod, Spectrum	VMAX 3, Evanesce, Evanesce B, QuickStand 5-Second, Spectrum 2, Yard Master Electric	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 CLR® 16
Screen Material Name				
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.	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, Evanesce Tab-Tension B, Tripod Tab-Tension, Designer Cut, QuickStand 5-Second Tension	Aeon EDGE FREE®, Light-On
Type of material	Silver/Gray (PVC flexible)	Silver (PVC flexible)	Silver/Gray (PVC flexible)	Silver (PET)
Reflective technology type	Angular-Reflective	Angular-Reflective	Angular-Reflective	Angular-Reflective
Ambient Light Rejecting	Yes (up to 65%)	Yes (up to 63%)	Yes (up to 75%)	Yes (up to 90%)
Gain	1.2	1.1	1.5	1.65
Viewing Angle	90°	70°	80°	80°
Minimum Throw	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
3D Ready	Active/Passive	Active	Active/Passive	Active
Polarized for Passive 3D	Yes	No	Yes	No
4K/8K Ultra HD Ready	Yes	Yes	Yes	Yes
Projection Type	Front	Front	Front	Front
Ultra/Short-throw projector compatible	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
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.	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
Flame Retardant	Yes, Complies with NFPA 701	N/A	Yes, Complies with NFPA 701	N/A
ISF Certified	Yes	Yes	Yes	No

Screen Material Name	CLR®	CLR® 2	CLR® 3	CLR® 5
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 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.	The StarBright™ CLR® 5 features Ceiling Light Rejecting technology for bottom placed ultra-short throw front projection applications in moderate light room environments. The surface can reject (absorb) 80% of overhead light to combat the washout effect typically experienced using matte white surfaces. This allows projector presentations to achieve contrast-rich images with a wide viewing angle without compromising 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, Light-On	Aeon CLR® 3, Light-ON CLR® 3, Starling Tab-Tension CLR® 3, Kestrel Tab-Tension 2 CLR® 3	Aeon CLR® 5, ezCinema Tab-Tension CLR® 5, Starling Tab-Tension CLR® 5, Kestrel Tab-Tension CLR® 5, Light-On CLR® 5
Type of material	Dark Gray (TPU)	Silver/Gray (PET)	Gray (TPU)	Gray (PVC)
Reflective technology type	Retro-Reflective	Retro-Reflective	Retro-Reflective	Retro-Reflective
Ambient Light Rejecting	Yes (up to 95%)	Yes (up to 90%)	Yes (up to 90%)	Yes (up to 80%)
Gain	0.6	0.9	0.8	0.8
Viewing Angle	180°	160°	170°	170°
Minimum Throw	0.1 - 0.4 x Image Width	0.16 - 1.2 x Image Width	0.1 - 0.4 x Image Width	0.1 - 0.3 x Image Width
Black backing	Yes	Yes	Yes	Yes
3D Ready	Active	Active	Active	Active
Scratch-resistant	No	Yes	No	No
4K/8K Ultra HD Ready	Yes	Yes	Yes	Yes
ISF Certified	No	Yes	No	No
Projection Type	Front	Front	Front	Front
Projector Type Compatible	Ultra-short Throw (tabletop only)	Ultra-short / Short-Throw (tabletop only)	Ultra-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	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.	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 <i>ImpactWhite® 350</i> 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 impact 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.