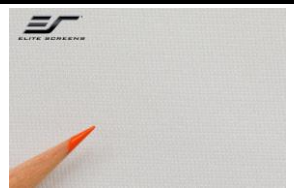
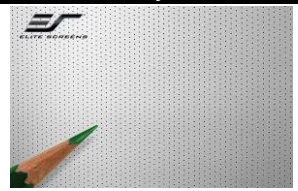
ELITE SCREENS
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Acoustically Transparent Front Projection Materials Comparison

Screen Material Name	AcousticPro1080P3	AcousticPro UHD	CineWhite® A8K	CineGrey 3D® AT	CineGrey 4D AT
Product Picture					
Description	The AcousticPro1080P3 is the ultimate acoustically sound trasnparent front projection material. The tight angular weave eliminates the moire effect while presenting warm neutral colors. The AcousticPro1080P3 allows speaker placement behind while allowing an exceptional acoustically transparent performance.	The AcousticPro UHD (ultra-high definition) is a moiré-free 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 CineWhite® A8K is an ultra-fine acoustically transpaent front projeciton material for high-resolution projectors. It has a bonded black backing to prevent light loss while eliminating backlight spill from the projector. It is ISF Certified for accurate color reproduction in a light controlled room environment as the director intended.	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 proejctors.Its perforations permit speakers to be placed behind the screen with minimal attentuation. It is ISF Certified for acurrate color reproduction.
Available in Screen Type/ Series and Diagonal Sizes	Fixed Frame: ***Sable Frame*** - 100",110",120",135",150",165",180" (16:9) | 85",115",125",138",158",166",176" (2.35:1) Fixed Frame: ***Aeon*** - 125",138",158" (2.35:1) Fixed Frame Curved: ***Lunette*** - 100",110",120",135"/150" (16:9) | 96",103",115" (2.35:1) ***Designer Cut*** - 135" (16:9)	Electric Wall/Ceiling: ***Spectrum*** - 100"/125" (16:9) | **Saker Tab-Tension** - 100",110",120",135", 150",180" (16:9) Electric In-ceiling: ***Evanesce*** - 106",126",140" (16:9) Fixed Frame: ***Aeon*** - 100",120", 135",150",165",180" (16:9)	Fixed Frame: ***Aeon*** - 103"/123"/135"/150" (16:9)	Fixed Frame: ***Aeon*** - 110"/120" (16:9)	Fixed Frame: ***Aeon*** - 110"/125"/135"/150" (16:9)
Type of material	White - Acoustically Transparent	White - Acoustically Transparent	White - Acoustically Transparent	Silver Gray - Acoustically Transparent/Ambient Light Rejecting	Silver Gray - Acoustically Transparent/Ambient Light Rejecting
Ambient Light Rejection	N/A	N/A	N/A	65%	63%
Composition	Polyster Fabric	Polyester/PVC	Polyster Fabric	PVC	PVC
Gain	1.0	1.0	1.1	1.2	1.1
Viewing Angle	180°	180°	180°	90°	70°
Mean Attenuation (db loss)	-3.09 at 8k - 20khz	-2.36 at 8k - 20khz	-2.96 at 8k - 20khz	-6.04 at 8k - 20khz	-4.78 at 8k - 20khz
Hole Size	0.178mm	0.32mm (Avg)	N/A	0.7mm	0.55mm
Black backing	Black scrim included	Black scrim included - Fixed Frame	Bonded black backing	Black scrim included	Black scrim included
Projector type compatibility	Ultra/Short/Standard Throw	Short/Standard Throw on fixed frame. Standard throw on electric only.	Ultra/Short/Standard Throw	Standard Throw	Standard Throw
Minimum Throw Ratio	≥ 0.2	≥ 0.5 Short for Fixed Frame | ≥ 1.3 standard throw for Electric	≥ 0.1	≥ 1.5	≥ 1.5
3D Ready	Active	Active	Acitve	Active and Passive (polarised)	Active and Passive (polarised)
Recommended Environments	Light controlled rooms	Light controlled rooms	Light controlled rooms	Moderate ambient light rooms	Moderate ambient light rooms
Recommended Applications	In-wall speaker or behind speaker placement for 1080P and 4K projectors.	In-wall speaker or behind speaker placement for 1080P and 4K projectors.	In-wall speaker or behind speaker placement for high-resolution UHD 4K projectors.	In-wall speaker or behind speaker placement for 1080P and 4K projectors.	In-wall speaker or behind speaker placement for high-resolution UHD 4K projectors.