

Stewart
FILM SCREEN

SCREEN MATERIALS

INGENUITY IS AT THE CORE OF
EVERYTHING WE MAKE

WWW.STEWARTFILMSCREEN.COM

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**EXPERIENCE THE STEWART
DIFFERENCE - CREATORS OF
WOW-WORTHY MOMENTS OF
TIMELESS QUALITY AND SUPERIOR
DESIGN - MADE JUST FOR YOU**





Stewart
F I L M S C R E E N

**THE ART OF
INNOVATION.
THE TRUST OF
TRADITION.**

We're more than just screens — we're a group of dreamers, designers, and forward-thinkers who want to craft unbelievable viewing experiences. And with over 70 years in the projection screen industry, you're guaranteed to get a product that's designed with integrity and built to last.

**WE'VE MADE HOLLYWOOD SPARKLE WITH EXCITEMENT,
HOME CINEMAS GLOW WITH WONDER, AND CONFERENCE
HALLS SHINE WITH INSPIRATION**

We are driven by a passion to continually craft products that are smarter, stronger and perfectly fit for you.

SOME CALL US OLD FASHIONED, WE CALL IT CARING

More importantly, we call it taking responsibility for what we build and valuing the people we build it for.



“**INGENUITY IS AT
THE CORE OF
EVERYTHING WE
MAKE**”

HANDCRAFTED FROM THE MOLECULAR LEVEL

Simply put, we do it ourselves, from start to finish. Beginning with raw plastic resins and pigments, we compound and form them into finished fabrics and continue through with thoughtful frame design and construction.

ONE SCREEN DOES NOT FIT ALL PROJECTION NEEDS

Projection conditions vary. That is why we are application driven. Room seating, throw distances, ambient lighting, front and rear projection requirements, 3D workflow, and other factors all impact the image on the screen. Stewart makes over 25 different screen materials to meet the demands of each projection environment. As always, each screen is meticulously custom made for your specific application.

UNIFORMITY AND COLOUR ACCURACY ARE EVERYTHING

DO YOU WANT THE BEST VIEWING EXPERIENCE? ONLY STEWART CAN PROMISE AND DELIVER COLOUR UNIFORMITY NO MATTER YOUR VIEWING ANGLE. ADDITIONALLY, YOU CAN REST ASSURED THAT THE COLOURS COMING FROM YOUR PROJECTOR ARE NOT BEING ALTERED BY THE SCREEN.

WE'RE THE REFERENCE SCREEN

When major movie production companies need a screen for their post-production editing as well as for their screening rooms, they come to Stewart – and they have for a long time. SnoMatte 100, StudioTek 100, StudioTek 130, and UltraMatte 130 are the reference screens. These unrivalled screens deliver the director's vision – to see their films in true, life rendering colours and with centre to edge uniformity.



UNMATCHED QUALITY, ALWAYS SEAMLESS

"Virtually seamless" is not the same as seamless. All seams become detectable over time. Uneven tensions are at work on either side of any seam. As the fabric ages, irregularities appear. Dirt and dust can also accumulate along the seam. On roller screens, seams turn into repeating impressions of horizontal bars which will appear in the viewing area. With Stewart, you never have seams. All the way to 40 by 90 feet – unmatched in the industry.



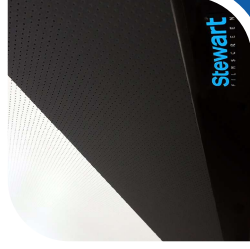
PROJECTORS COME AND GO, BUT STEWART PROJECTION SCREENS REMAIN

Many of our customers tell us how they have gone through multiple projector upgrades while their Stewart screen continues to perform perfectly. You know you are getting durability and a lasting quality when you purchase Stewart.



THE MASTERS OF MASKING

Our masking systems feature closed loop digital control interfaces, all encoder equipped to store positions. Each one is simple to program, jog, and will work flawlessly with all room automation systems. Our masking fabrics have been carefully sourced to combine deep black absorption of stray light with superb acoustical transparency.



ACADEMY AWARD WINNING SCREENS

We are the only screen manufacturer to win an Academy Award (two in total) for technical merit – a testament to our commitment to constantly create the best screens imaginable – and maybe a little unimaginable as well.



UNRIVALLED TECHNICAL SUPPORT

We maintain a team of qualified customer service professionals to help with any questions or concerns. We also offer experienced field technicians to help with field service management. Whether you need an install, a rescreen, or commissioning work, our team of experts will respond quickly to give you maximum uptime.



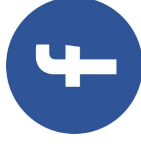
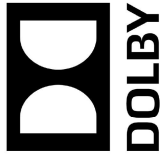
MADE IN THE USA

We are proud to manufacture all of our projection screens and screen materials in our production facilities in California and Ohio. As a fourth generation, family-owned business, we value the expertise and workmanship of our employees. Our team helps to design and handcraft every custom screen as we closely monitor each stage of the manufacturing and QC process.



Stewart
F I L M S C R E E N

SOME OF STEWARTS CLIENTS:

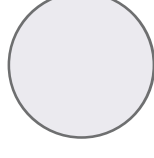
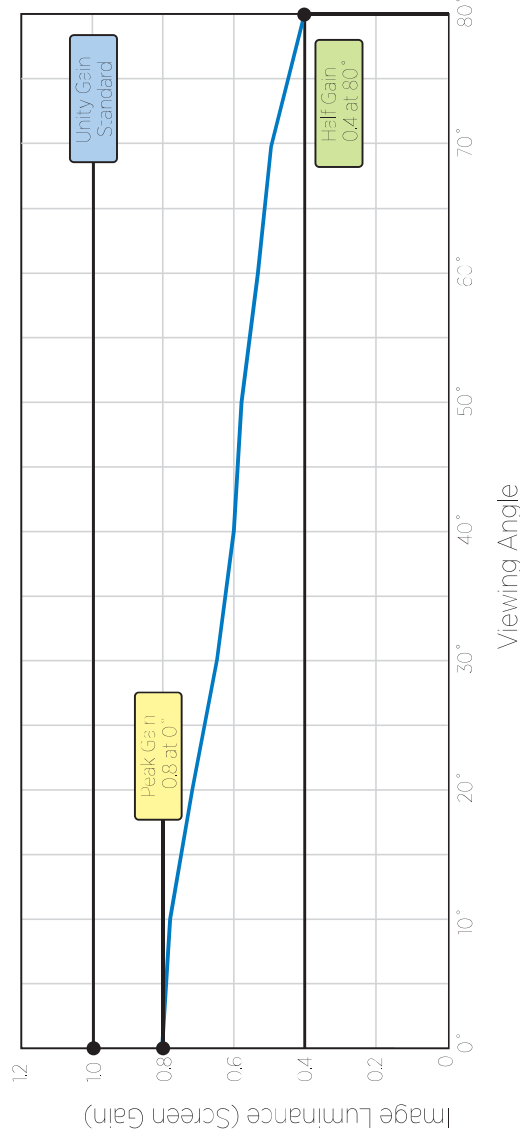


TIBURON G4 (CIMA ONLY)

A Cima exclusive fabric offered for ambient light rejection applications.

Material Type	Flexible Front	Minimum Throw Distance	1.3 x Image Width
Maximum Size	76"(H) x 10'(W)	Edge Blending Properties	NA
Peak Gain	0.8	Passive 3D Use	No
Half Gain	80°	Lay Flat Quality	Excellent
Ambient Light Rejection Value	40%	Flame Resistance	Yes
Ambient Light Resistance	Moderate	Perforation Options	Yes

Offering the widest possible viewing cone when used in applications with moderate ambient light. The shade of gray is held to a super tight, spectral neutrality — no shift in color of any type. **Tiburon G4** has a smooth, curable surface and can stand up to more demanding environments such as those found in schools and other institutional settings. A great fabric for use in applications with moderate ambient light.



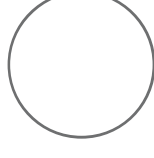
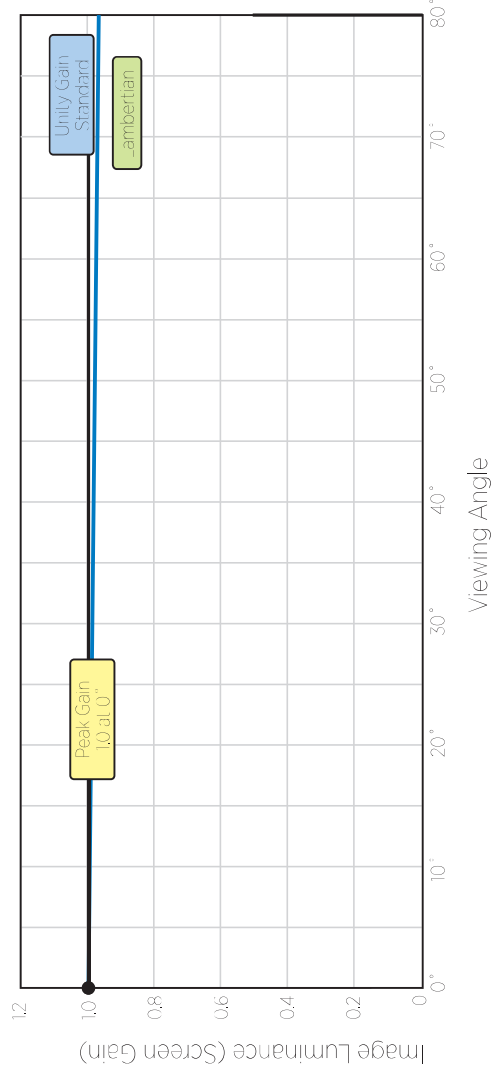
Gain: 0.8, Max. Size: 7'6" x 10'

STUDIOTEK 100

Superior performance, superb color and excellent white field uniformity.

Material Type	Flexible Front	Minimum Throw Distance	0.3 x Image Width
Maximum Size	40'(H) x 90'(W)	Edge Blending Properties	Excellent
Peak Gain	1.0	Passive 3D Use	No
Half Gain	Lambertian	Lay Flat Quality	Excellent
Ambient Light Rejection Value	15%	Flame Resistance	Yes
Ambient Light Resistance	NA	Perforation Options	Yes

Our most requested residential fabric, **StudioTek 100** is a flexible, front projection, matte white screen material formulated to meet the strictest color and white field uniformity standards. This unity gain, reference material is an optimal diffuser and disperses light in a near perfect, hemispherical distribution so that image brightness is virtually unchanged when viewed from any angle. The extremely wide viewing cone necessitates careful management of the reflected light in the viewing environment. **StudioTek 100** is a great choice when ambient light can be controlled. Exclusively made by Stewart to deliver enhanced focusing capabilities for detailed on screen content.



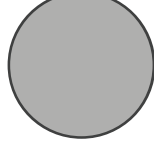
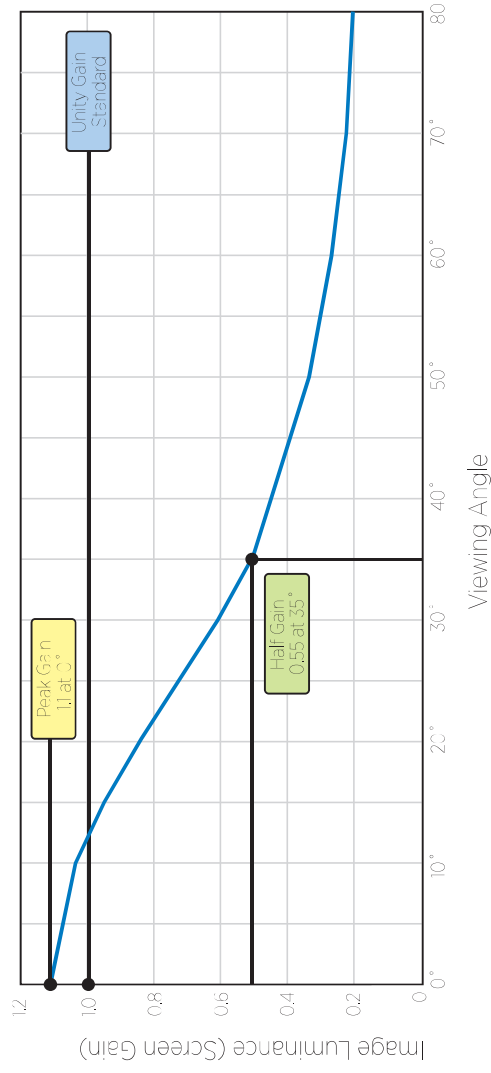
Gain: 1.0, Max. Size: 40'x90'

FIREHAWK G5

Superb black levels, excellent shadow detailing, and superior overall color saturation.

Material Type	Flexible Front	Minimum Throw Distance	1.6 x Image Width
Maximum Size	8'6"(H) x 120'(W)	Edge Blending Properties	NA
Peak Gain	1:1	Passive 3D Use	Yes
Half Gain	35°	Lay Flat Quality	Excellent
Ambient Light Rejection Value	73%	Flame Resistance	Yes
Ambient Light Resistance	Good	Perforation Options	Yes

Fifth generation **FireHawk** is a flexible, front projection screen surface engineered for use with today's highpowered projection technology in applications involving the presence of ambient light. Ambient light is the enemy of two-piece projection. Stewart Filmscreen is in the business of image fidelity and **FireHawk G5** was designed to provide the best possible trade-off between image fidelity and ambient light resistance. With increased image contrast and even better off-axis viewing, **FireHawk G5** delivers image exactness along with superior high contrast levels that have long been synonymous with Stewart Filmscreen.



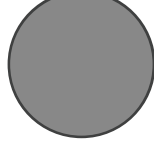
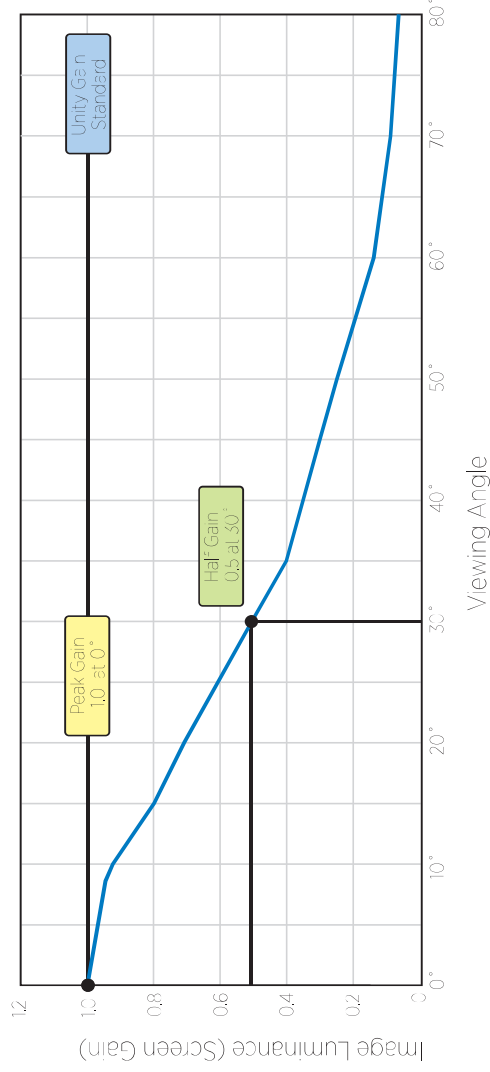
Gain: 1.1, Max. Size: 8'6" x 120'

PHANTOM HALR

A stunning solution for high ambient light environments.

Material Type	Flexible Front	Minimum Throw Distance	1.8 x Image Width
Maximum Size	40'(H) x 90'(W)	Edge Blending Properties	NA
Peak Gain	1.0	Passive 3D Use	Yes
Half Gain	30°	Lay Flat Quality	Excellent
Ambient Light Rejection Value	82%	Flame Resistance	Yes
Ambient Light Resistance	Excellent	Perforation Options	Yes

Phantom HALR is a flexible, front projection, high ambient light rejection screen material that offers excellent ambient light rejecting capabilities from every angle. An exceptional viewing experience, day or night. Unlike other manufacturers' offerings, **Phantom HALR** is available in any image size up to 40 by 90 feet — completely seamless. It is the only black screen on the market that perforation options for acoustical transparency, including Stewart's exclusive MicroPerf X² THX Ultra or CinemaPerf options. For installation versatility, **Phantom HALR** can be configured with any of Stewart's ElectriScreen or fixed frame models. **Phantom HALR** is not susceptible to color shift and will calibrate out to REC 2020 or REC 709 without obvious color aberrations that skew the primary and secondary colors. A stunning solution, **Phantom HALR** will provide excellent image uniformity and fidelity in any high ambient light application.



Gain: 1.0, Max. Size: 40'x90'

CIMA FF

FIXED FRAME, SNAP SCREEN



A FIXED FRAME SNAP SCREEN THAT IS ROBUSTLY BUILT AND MODESTLY PRICED

A quick and easy wallscreen solution that also comes in a wide range of preconfigured, high demand sizes. This screen features a low profile frame and is offered with a choice of two, well-engineered screen surfaces. Cima FF delivers a great image at a great value.



Corporate



Residential



Education

THIS SCREEN IS USED MOST COMMONLY IN:

BALÓN EDGE

MINIMALLY BORDERED

This screen system provides a thin, black border that nicely frames the picture. The half-inch black, Velux light absorbing border provides just a touch of projector overscan relief while still providing maximum on-screen image. With a tight, crisp edge you can still go large!

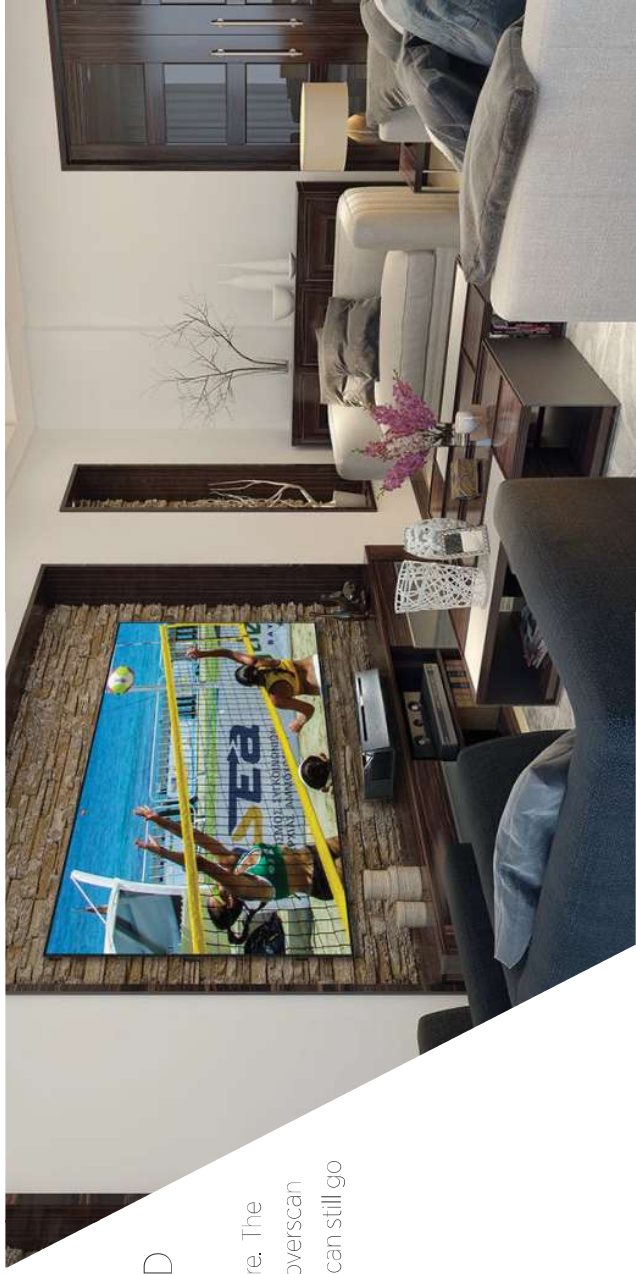


Corporate



Residential

THIS SCREEN IS USED MOST COMMONLY IN:



BALÓN BORDERLESS

BALÓN BORDERLESS FOR A FRAMELESS LOOK



**GET ALL THE “WOW,” WITH
BALÓN AND BE JUST ONE
INCH AWAY FROM THE
WALL’S SURFACE.**

View content without any borders — with Balón Borderless you are truly borderless! There is no frame to outline the content. For a more dramatic effect, Balón Borderless can be mounted away from the wall, creating on-screen images that seemingly appear to float in the room. There is also an LED kit option, and all of Stewart's front projection materials (including UST) are available for this screen making it very scalable — so go big! This is a very cool screen.



Corporate



Residential

THIS SCREEN IS USED MOST COMMONLY IN:

CASCADE

RETRACTABLE, ABOVE CEILING, SELF-FINISHING
SCREEN SYSTEM

Cascade is a sleek yet compact, above ceiling, electrically operated screen system with a rich feature set. Electrical hookups and future upgrades can be easily made without ripping the ceiling open thanks to a slotted, self-flanged bezel with a fastener free dust cover.



Corporate



Residential



Education

THIS SCREEN IS USED MOST COMMONLY IN:

