



## The First Audio Transparent Projection Screen Without Compromise

SmX manufactures some of the finest quality solid and woven audio transparent projection screens to accommodate our projection systems. The SmX "Claim to Fame" is our proprietary patent pending CineWeave™ HD audio transparent screen surface.

The CineWeave™ HD is the first audio transparent projection surface that actually enhances the projected image while being acoustically transparent. This is a first in the industry, as previous acoustically transparent screens either distorted the projected image or the audio or both. The CineWeave™ HD is the highest gain woven audio transparent screen surface in the industry that actually increases the contrast and sharpness of the projected image.

The CineWeave™ HD allows you to place your speakers behind the screen surface so you can experience the sound-stage the way Hollywood intended it to be heard. This is the same method commercial cinemas use across the world to put the action right at the screen.



The reverse side of this page has more details on the CineWeave™ HD. Please visit our website at [www.SMXSCREEN.com](http://www.SMXSCREEN.com) to download white papers and get more technical details on the CineWeave™ HD and the rest of our products.



CINEWEAVE HD

### All Projection Screens are Not Created Equal

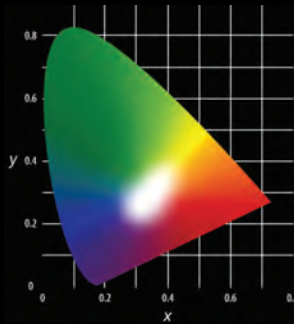
CineWeave™ HD, a screen surface so good that Hollywood post production studios use it to produce the very same movies you will ultimately be watching on it.

The CineWeave™ HD is our proprietary patent pending woven audio transparent projection screen material. The CineWeave™ HD will not only give you one the most incredible projected images you'll ever see, but will also allow audio to pass through the screen surface without distortion while increasing the contrast and sharpness of your projected image (a first in AT screen technology).

### Pure Color Accuracy

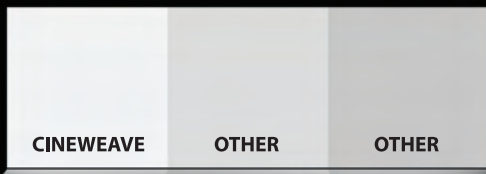
The special formulated white color of the CineWeave™ HD achieves the most accurate color reproduction from your projector.

Other projection screens can color shift causing the projected images to push blue, green or red. This push of color creates an un-natural color balance to your projected image. The CineWeave™ HD is completely neutral in color reproduction, allowing complete balanced color uniformity for true natural vibrant color.



Color measuring:  $x = +/- .002$ ,  $y = +/- .003$ , measured with a Photo Research PR-650 Spectra Colorimeter using a NIST-traceable white reference target. Color consistency is constantly monitored to assure ISO 9000 standards. See the hard numbers on the color and comparisons by visiting our website.

### The Highest Gain Weaved Screen (1.16 Gain)

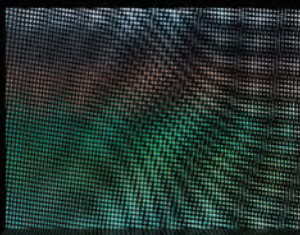


The CineWeave™ HD is currently the highest gain weaved audio transparent projector screen on the market. The 1.16 gain of the CineWeave™ HD gives your projected image a back lit look to it. The other matte white woven audio transparent screens on the market have negative gains as low as -.83

The comparison above was done side by side with two other leading matte white weaved screens using an IRE-100 white test screen.

### Moiré No More

A common problem with today's high resolution digital projectors and audio transparent movie screens is moiré. Moiré is caused when the projection screens perforation pattern aligns with the digital projectors pixel pattern or screen door. Every projector, attachable lens, screen size, offset and throw distance differs from person to person. The only guaranty to eliminate moiré is to be able to adjust for it on site.



The SmX ProLine and ProCurv frames eliminate moiré possibilities by allowing you to adjust the CineWeave™ HD projection screen material on the fly.

### 160 Degree Viewing Angle

The SmX CineWeave™ HD provides a full 160 degree viewing cone without any loss of gain. This means that the image of the CineWeave™ HD is consistently bright from edge to edge at all viewing angles.

### Increased Contrast

It usually takes a grey projection screen to increase contrast and using a grey projection screen means having to sacrifice brightness and color.

A unique feature of the white CineWeave™ HD is its ability to increase the contrast of your projected image by utilizing its negative light matrix. Our negative light matrix produces just enough black level to increase contrast without sacrificing gain or resolution like a grey solid screen or white perforated screen.

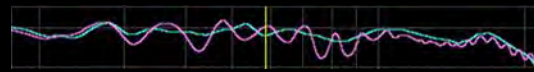


You can not achieve increased contrast like this from a solid white projection screen.

### Increased Sharpness

It has been argued that the CineWeave™ HD provides a sharper picture than some of today's solid screens. This perceived sharpness is achieved by the unique structure of the CineWeave™ HD surface which is known to help mask SDE.

### Acoustically Transparent - Needs No EQ



Unlike perforated and micro-perforated screens, the SmX needs no EQ on the speakers behind it. The CineWeave™ HD is truly audio transparent and will not alter the sound of your speakers or comb filter audio like a perforated screen will. Please visit our website for full audio charts.

### Sound-Stage as Hollywood Intended it

Unlike a solid projection screen, the acoustically transparent CineWeave™ HD allows you to place your speakers directly behind it. This is the same method Hollywood uses when they mix the dialogue and soundtrack for movies. This localizes audio to come out of the actors mouths as Hollywood intended it, not above or below the screen.

### No Noticeable Perforations



The perforation in the SmX CineWeave™ HD is about three and a half times smaller than a Micro-perf. In fact, for every 65 holes on a Microperf projection screen, the CineWeave™ HD has 182 perforations.

### Clear Consistent Bright Vibrant Image

Screens with a gain usually do not have a consistent image from edge to edge. This is due to hot spotting or brightness drops outside of narrow viewing cones. The CineWeave™ HD delivers a clear, consistent, bright, vibrant image from edge to edge.

### Durability

The CineWeave™ HD is an extremely strong screen surface that will withstand the test of time, that is why we guaranty it for life against manufacture defects. It is impossible to tear by hand or by flying blunt objects which makes it child proof. It also can be easily cleaned using a mild white ivory soap, water and soft brush.

For more details on the CineWeave™ HD please visit [www.SMXSCREEN.com](http://www.SMXSCREEN.com)