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**CineWeave™ 4K
Woven Acoustically Transparent
Front Projection Screen Surface
Data Sheet**

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The CineWeave™ 4K is an acoustically transparent micro-weave projection surface formulated for projectors with resolutions up to 4K (beyond 26 million pixels). The gain is .88 and is neutral in color reproduction with a full 160 degree viewing cone while maintaining high contrast. The CineWeave™ 4K screen surface is extremely uniform with no sparklies and no hot spotting, providing a clear consistent vibrant image from edge to edge. The CineWeave™ 4K screen surface is very flat assuring no screen texture is apparent while viewing bright scenes from minimum seating distances.

The CineWeave™ 4K is a flexible Polyester based micro-weave acoustically transparent projection screen surface manufactured to a unique formulation and specification, providing:

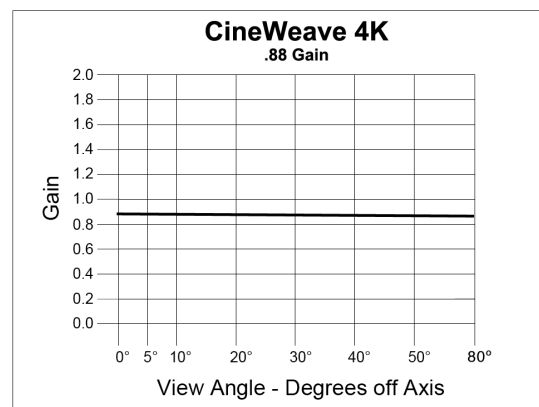
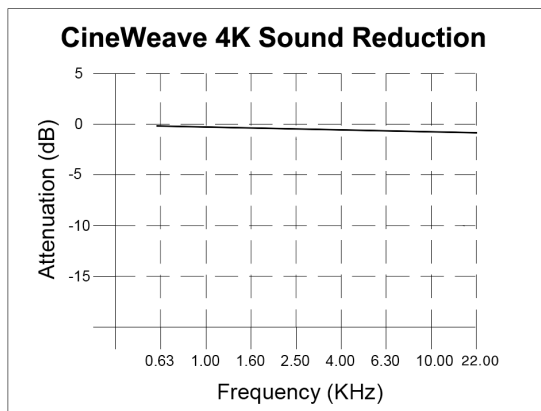
- No moiré with digital and non digital projectors up to 4K resolution
- Full 160 degree viewing angle with no loss of light
- Perforations 11 times smaller than micro-perf screens
- Clear constant bright vibrant image from edge to edge
- Increases sharpness of your projected image
- Undistorted audio transparency (No EQ needed or loss of attenuation like standard and micro perforated screens)
- No audible combfiltering of audio
- No hot spotting
- High contrast

Application

CineWeave 4K screen surfaces are recommended for a wide range of applications where close viewing conditions apply including:

Post Production Houses • Digital Cinema • Film Cinema • Screening Room • Home Theatre

Suitable for use in flat or curved frames as well as masking screens.



General Detail

View Distance Minimum of 1m (3.5')

Maximum Size Nominal limit of 30m x 20m (98' x 66')

Perforation Size Ø0.03 (0.000976")

Perforation Density 6.8%

Weight 316.50 gr/m²

Eyelet Spacing 150mm (6") nominal

Typical Packing

Parcel box up to 90m² (1000ft²). Wooden crate for larger sizes.

Can also be tube packed (long box over 7m (23')).

Surface Edging Options

- Web and eye (grommet). Double fold web integral with surface
- Preformed pipe pocket any size on any side
- Cloth web and fixings
- Straight sides or shaped to special order
- Cut square (unfinished edge)

Fire Retardancy Certification to the following standards:

California U.S. Title 19 (Small Scale),
ASTM E 84 (Class 1),
British Standard 5867 Type B,
NFPA 701 TM#1 Small Scale

Despatch / Storage / Packaging

All Screens rolled on a heavy duty corrugated or pvc core, lined with foam paper and sealed in a poly-bag.

Screens under 1000 square feet will ship in a heavy duty corrugated box attached to a pallet and screens over 1,000 square feet will be wood crated.

Transport and Storage Conditions

CineWeave™ 4K screen surfaces should be stored horizontally in the sealed poly-bag until installation to remain free of dirt. CineWeave 4K screen surfaces should be stored in temperatures between 45 degrees - 90 degrees with relative humidity less than 80%

CineWeave 4K screen surfaces can be folded during storage.

Care and Maintenance

The general environment where the screen is installed should be kept reasonably clean to avoid dirt and dust build-up. Screens can be periodically cleaned using a clean white soft brush or white cloth, doing this vertically with limited pressure. The CineWeave 4K can be cleaned with white ivory soap and water if needed.