

AW6

ACOUSTIC TRANSPARENT

Acoustic Weave Fabric

The AW6 Acoustic Weave Fabric is crafted using a precision warp-and-weft weaving process with an ultra-high micro-perforation density that far exceeds typical acoustic screens. This structure enables high-fidelity sound transmission with natural, transparent audio while delivering accurate image quality. Its specialized weave eliminates moiré with projectors, and the fabric maintains excellent flatness, stretch stability, and resistance to aging over long-term use.



Acoustic Transparent Angular Woven Fabric

● High-Density Micro-Perforation Advantage

92,000 micro-perforations per square foot, significantly higher than standard acoustic weaves
Enables highly efficient, clear sound transmission

● Wide-Frequency, Low-Loss Acoustic Performance

Engineered to maintain mid- to high-frequency detail
Sound attenuation: <1 dB at 8 kHz and 12.5 kHz, <2.5 dB at 500 Hz
Ensures minimal audio loss for accurate, consistent sound reproduction

● Optimized Optical Parameters

Reflected light color temperature preset to 122 K
0.8 gain with a 150° viewing angle
Provides uniform brightness and color across multiple seating positions

Fabric Model	Luminance Gain	Visual Angle	Color Restoration	Mildew Proof	Moisture Proof	Scrubbing	Environmental Protection	Vicata	Fireproof Level	Maximum Width
AW6	0.8	150	98%	✓	✓	✓	REACH, RoHs	-20°C ~ 60°C	NFPA 701	2500

GUANGZHOU GRANDVIEW CREATIVE TECHNOLOGY CO., LTD

A: No.1 Building of No.43 South International Trade Avenue, Hualong Town, Panyu District, Guangzhou China.

T: 86-20-84899499 F: 86-20-84805299

W: www.grandviewscreen.com



Grandview website