

# Duvaltex Expanse Acoustic Fabric



## Technical Characteristics

<b>Size:</b>	66" wide x 36" yard
<b>Materials:</b>	100% Post-consumer recycled biodegradable polyester
<b>Weight:</b>	11.4 +/- 1.0 oz./ linear yard
<b>Repeat Vertical:</b>	None
<b>Repeat Horizontal:</b>	None
<b>Backing:</b>	None
<b>Treatment:</b>	None
<b>Fire Rating:</b>	Class 1 or A per ASTM E84
<b>Breaking Strength:</b>	245 lbf min. warp   226 lbf min. fill (ASTM D5034)
<b>Colorfastness to Light:</b>	Grade 4.5 min. at 40 hours (AATCC 16 Option 3)
<b>Colorfastness to Crocking:</b>	Grade 4.5 min. wet   Grade 4.5 min. dry (AATCC 8)
<b>Acoustic Transparency:</b>	90%
<b>Bleach Cleanable:</b>	No

*Colors may vary between dye lots.*

## Description

Find peace in the expansive embrace of this panel and acoustic fabric's neutral palette drawn from the hushed tones of the natural world. The calming tones of Expanse, evoke the tranquility of wide-open spaces, interwoven with subtle hints of familiarity and comfort. Breathe in the calm, exhale the noise, and find solace in leaving a gentler footprint on the earth with this biodegradable choice.

## Features

- Acoustical panel fabric
- Acoustically transparent
- Suitable for use as a speaker grille cloth
- 100% Post-consumer recycled biodegradable polyester

## Acoustic Performance for Panel Applications (ISO 10534-2)

Frequency (Hz)	NRC
250	0.10
500	0.10
1000	0.11
2000	0.13
NRC of fabric in front of anechoic termination	0.10
NRC of anechoic termination	1.00

This test measures the NRC of fabric in front of anechoic termination (NRC of anechoic termination = 1.00). The test is done using an impedance tube with a sound source connected to one end and the test sample mounted in the tube at the other end.

For more information, please consult:  
<https://www.iso.org/standard/22851.html>

Revised: 2025-04-30