

# Duvaltex Purpose Acoustic Fabric



## Description

Engineered to disappear at the end of its life cycle, Purpose is fully biodegradable and designed to leave no trace behind. The thick and thin lines of the surface call attention to the precision and care that has been taken to make this design an actively sustainable choice. Go beyond the ordinary with warm and cool neutrals and saturated accent colors.

## Features

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

## Technical Characteristics

<b>Size:</b>	67" wide x 36" yard
<b>Materials:</b>	100% Post-consumer recycled polyester
<b>Weight:</b>	14.1 +/- 1.0 oz./ linear yard
<b>Pattern Type:</b>	Solid/Textural
<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>	205 lbf min. warp and 215 lbf min. fill (ASTM D5034)
<b>Colorfastness to Light:</b>	(AATCC 16 Option 3): Grade 4 min. at 40 hours
<b>Colorfastness to Crocking:</b>	(AATCC 8): Grade 4 min. dry & Grade 3 min. wet
<b>Acoustic Transparency:</b>	90%

*Colors may vary between dye lots.*

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

Frequency (Hz)	NRC
250	n/a
500	n/a
1000	n/a
2000	n/a
NRC of fabric in front of anechoic termination	0.05
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>

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