



## Billow Connect Ceiling Baffles

WoodGrain Collection

Billow Connect is designed to work seamlessly with the original Billow Baffles, offering expanded layout options and greater flexibility to create unique configurations for a wide range of applications. Ideal for performance spaces such as theaters and auditoriums, Billow Connect enhances visual drama while integrating effortlessly into tiered seating layouts. It is equally effective in high-traffic environments like lobbies and lounges, where its dynamic presence and adaptable design deliver sound absorption in busy spaces.

## Specifications

<b>Surface</b>	Ceiling
<b>Material</b>	FilaSorb™ polyester felt
<b>Weight</b>	0.49 lb./ft <sup>2</sup> (±10%)
<b>Standard Sizes</b>	Height: 4" up to 12" H (1" increments) Width: 15" W Depth: 2, 3" D Length: 48, 96" L



Billow Connect Ceiling Baffles in Mocha Legno

## Technical

<b>NRC Rating</b>	1.65*
<b>Fire Test</b>	ASTM E84, Class A CAN/ULC-S102 Flame spread index: 15 Smoke developed index: 200
<b>Water Sorption</b>	ASTM C1104-2019 (A Modified) Water sorbed by weight: 0.20% (based on a 12mm thick panel)
<b>Colorfastness</b>	ISO 105-B02, 6-7

\* Test results available upon request.

## Details

<b>Lead Time</b>	3 - 6 weeks
<b>Origin</b>	Manufactured and assembled in the US
<b>Warranty</b>	Product: 20 years* Colorfastness: 20 years*

\* Conditions apply

## Environmental

<b>Recycled Content</b>	Minimum 60%
<b>Energy</b>	Generated using 40% solar energy
<b>Indoor Air Quality</b>	VOC less than/equal to 0.5mg/m <sup>3</sup>
<b>Recyclable</b>	100%*
<b>Certifications</b>	Declare Certification - LBC Red List Free (third-party verified) SCS Global Indoor Advantage Gold

\* PET is recyclable through participating partners.



For questions or additional product information, visit [acoufelt.com](https://www.acoufelt.com) or call 800.966.8557.

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# Colorways

## WOODGRAIN



Picket Fence  
WQ01



Loft  
WQ06



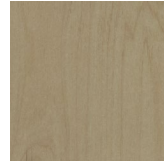
White Elm  
WQ07



Lyed Larch  
WQ30



White Oak  
WQ13



Baltic Birch  
WQ12



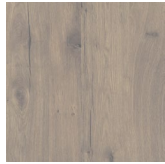
Knotty Spruce  
WQ29



French Bobbin  
WQ08



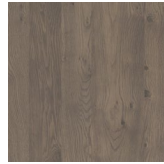
Boat Shed  
WQ02



Nordic Plank  
WQ15



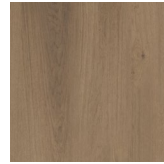
Boardwalk  
WQ10



Mocha Legno  
WQ25



Mountain Lodge  
WQ24



Wine Barrel  
WQ03



Log Cabin  
WQ04



Natural Oak  
WQ16



Woodland Fog  
WQ22



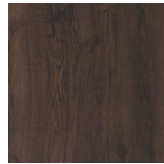
Driftwood  
WQ21



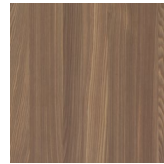
Weathered Slate  
WQ14



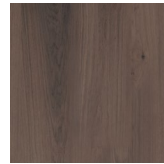
Petrified Ash  
WQ23



Antique Chest  
WQ11



European Larch  
WQ17



Fumed Oak  
WQ19



Teak  
WQ18



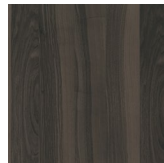
Charred Larch  
WQ09



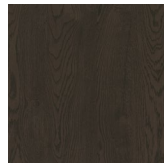
Shadow Oak  
WQ28



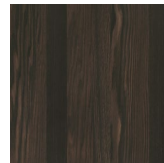
Barn Door  
WQ05



Black Walnut  
WQ20



Scorched Timber  
WQ26



Espresso Oak  
WQ27

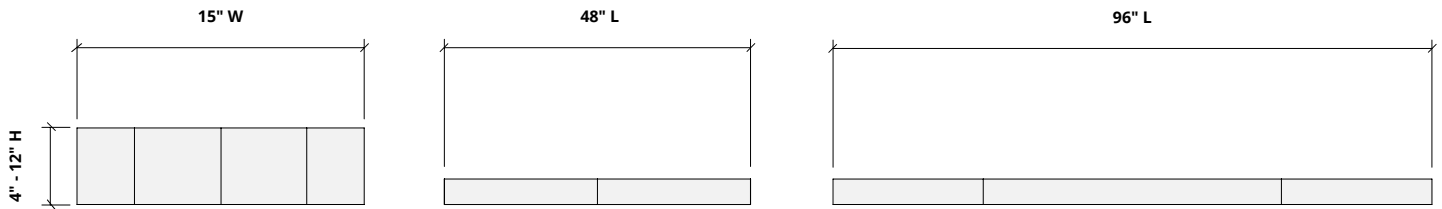
Order samples at [acoufelt.com/colorways](https://acoufelt.com/colorways)

# Sizes

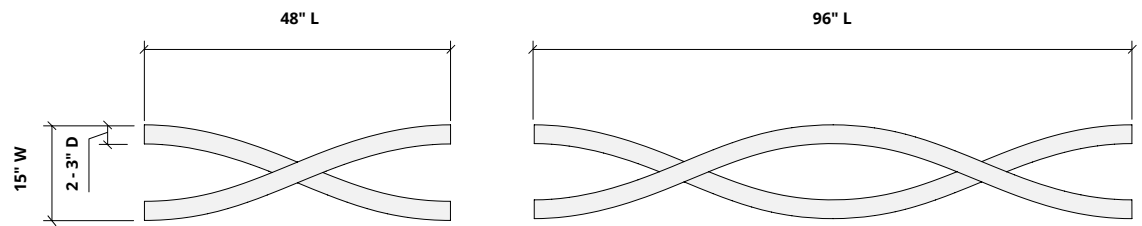
**Standard Sizes**    Height: 4" up to 12" H (1" increments)  
                              Width: 15" W  
                              Depth: 2, 3" D  
                              Length: 48, 96" L

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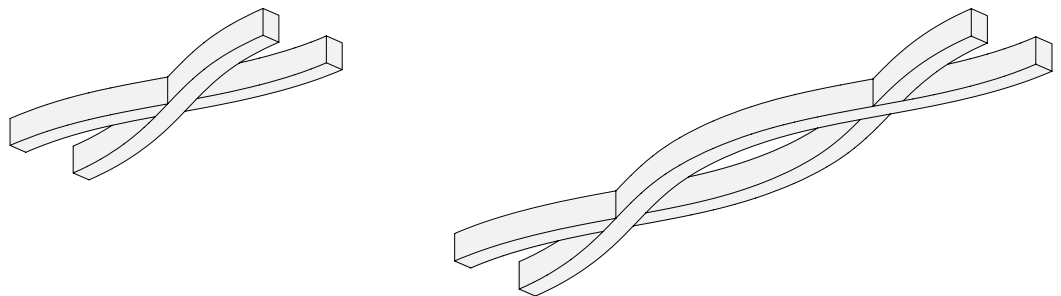
## Elevation



## Plan

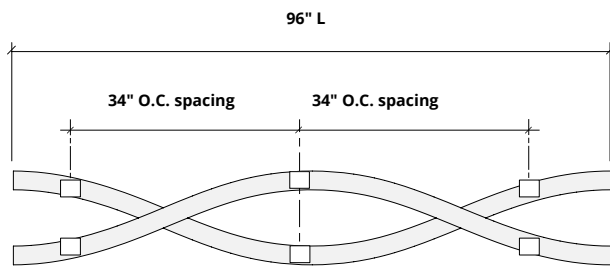
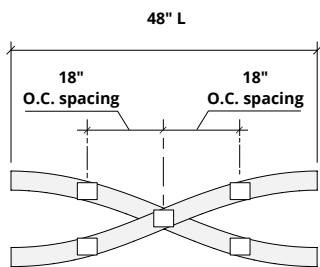
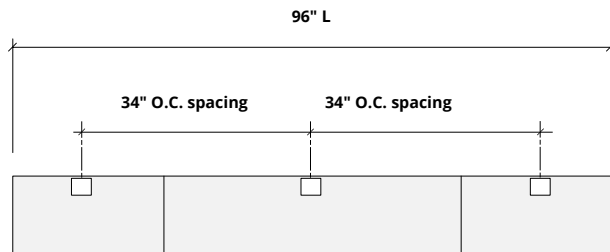
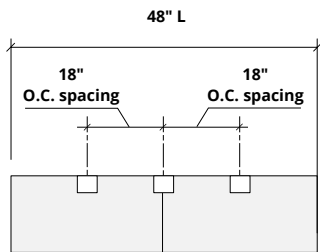


## Perspective



# Hardware Spacing

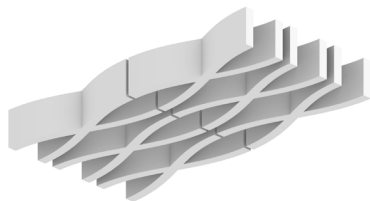
48" L	18" on center spacing
96" L	34" on center spacing



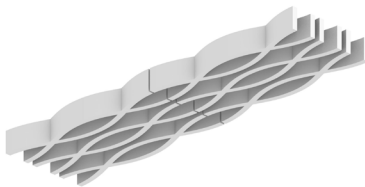
\*The number of connection locations may vary depending on mounting methods.

# Recommended Layouts

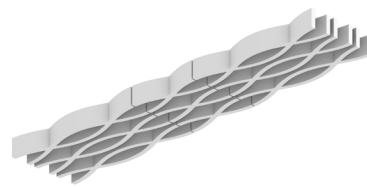
Layout 1



Layout 2



Layout 3



# How to Specify

**1. Choose Height**

2. Choose Length

3. Choose Layout

4. Choose Colorways

Select height based on desired design: 4" up to 12" H (1" increments).

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1. Choose Height

**2. Choose Length**

3. Choose Layout

4. Choose Colorways

Billow baffles come in the standard lengths of: 46" or 96" L.  
Custom sizes available.

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1. Choose Height

2. Choose Length

**3. Choose Layout**

4. Choose Colorways

See page 5 for recommended layouts.

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1. Choose Height

2. Choose Length

3. Choose Layout

**4. Choose Colorways**

See colorway choices on page 3.

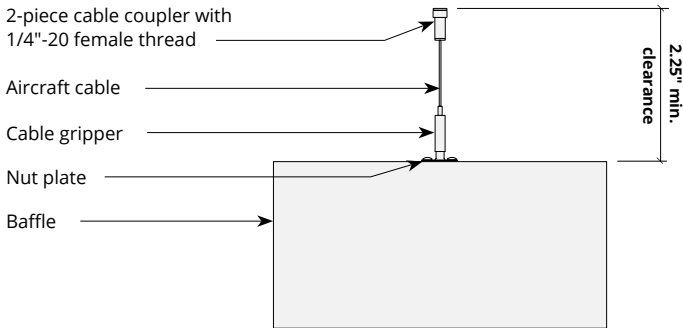


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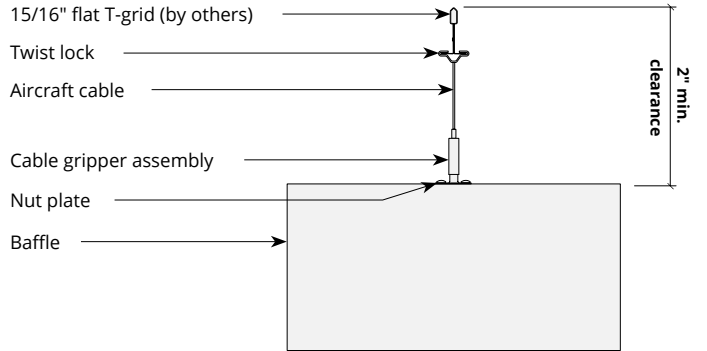
# Mounting Methods

## Cable to deck



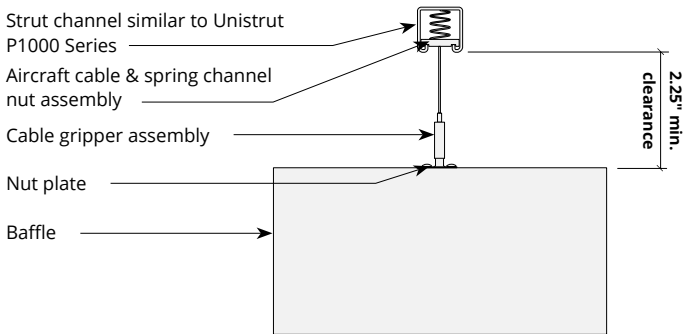
Hardware Kits:  
 HK1006 - 48" Cable  
 HK1010 - 120" Cable

## Cable to T-grid



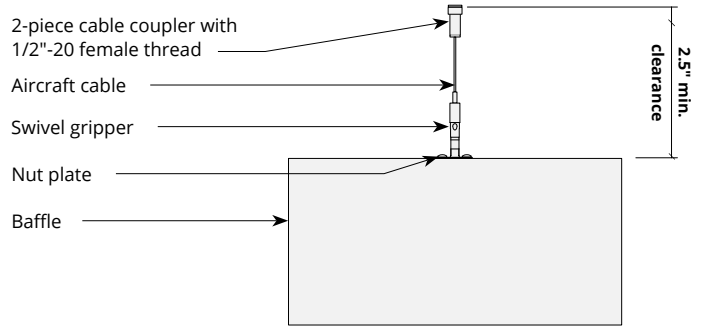
Hardware Kits:  
 HK1008 - 48" Cable  
 HK1012 - 120" Cable

## Cable to strut channel



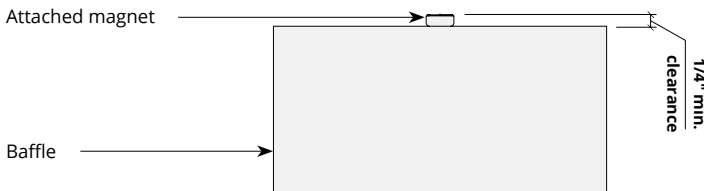
Hardware Kits:  
 HK1009 - 48" Cable  
 HK1013 - 120" Cable

## Swivel cable to deck



Hardware Kits:  
 HK1007 - 48" Cable  
 HK1011 - 120" Cable

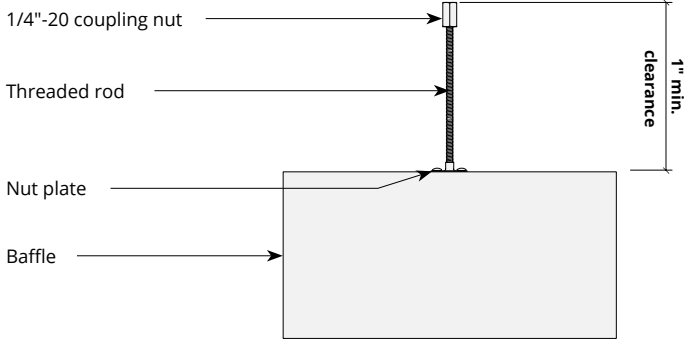
## Magnet



Hardware Kits:  
 HK1279

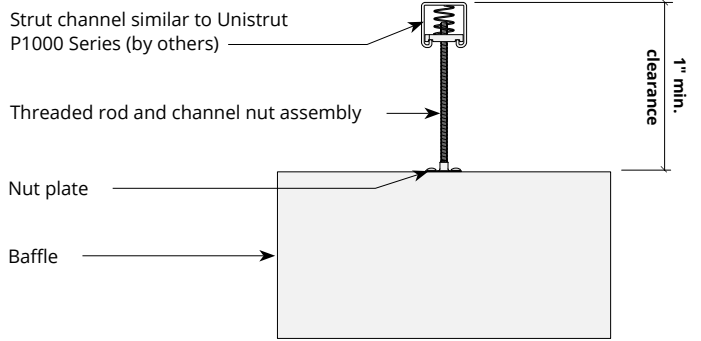
# Mounting Methods cont'd.

## Threaded rod



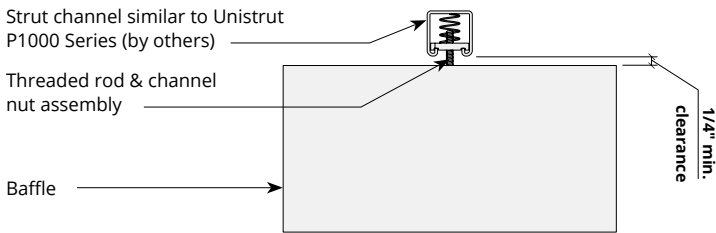
Hardware Kits:  
 HK1014 - 24" Cable  
 HK1015 - 48" Cable

## Threaded rod to strut channel



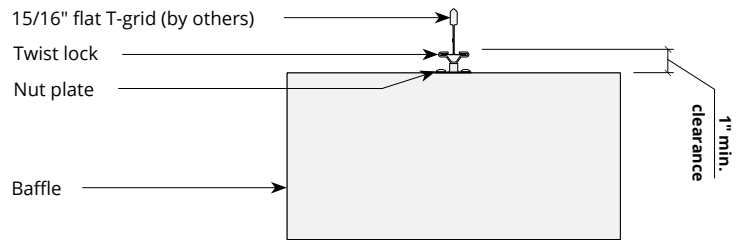
Hardware Kits:  
 HK1277 - 24" Cable  
 HK1278 - 48" Cable

## Direct to strut channel



Hardware Kits:  
 HK1016

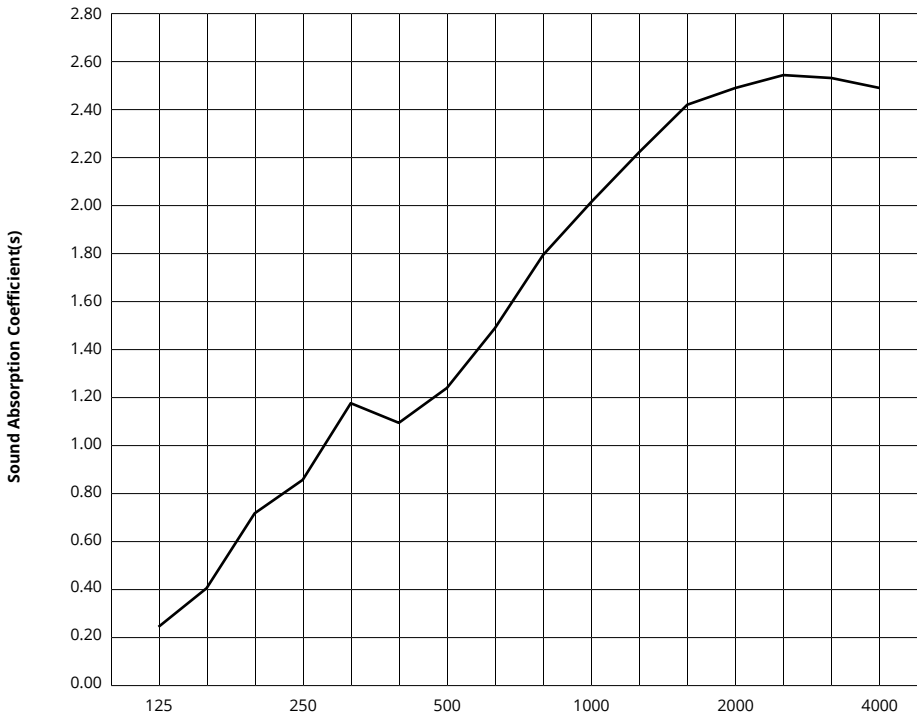
## Twist lock to T-grid



Hardware Kits:  
 HK1017

# Acoustic Performance

<b>Test Method</b>	ASTM E795-16
<b>Install Method</b>	J-600
<b>Rating Method</b>	ASTM C423-17
<b>Mounting Method</b>	Sample tested 5 baffles 110" L x 12" D x 3" T, hanging 600mm from floor and 152mm from each other
<b>Test Results</b>	NRC 1.65 SAA 1.68




Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
12mm	0.26	0.86	1.25	2.02	2.49	2.49	1.65

## What is a Noise Reduction Coefficient (NRC)?

You'll find the NRC rating in the specifications of all of our products. This acronym stands for Noise Reduction Coefficient, and is expressed as a single number, a rating that describes the degree to which acoustic products can absorb sound.

You can use NRC values to understand the overall performance of our acoustic wall and ceiling products. The higher the NRC, the better the product is at soaking up the sound.

*Performance Indices: Noise Reduction Coefficient (NRC) results represent the absorption coefficients measured at the one third octave bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customization of installation of the product could alter the results. Sound Absorption Average (SAA) indicates the absorption coefficient average for the twelve one-third octave bands ranging between 200 and 2500 Hz.*

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