



Linear Ceiling Baffles

Premier Collection

Linear acoustic baffles create a quiet massing of sound absorbing ceiling surfaces for meeting rooms, cafeterias, common spaces, or street-facing offices – anywhere unwanted sound is a problem. Easy to specify and install, ceiling baffles are a great first course in your soundscaping strategy.

Specifications

| | |
|-----------------------|--|
| Surface | Ceiling |
| Material | Filasorb™ polyester felt |
| Thickness | 1/2", 12mm (±10%) 1", 24mm (±10%) |
| Weight | 0.49 lb./ft² (±10%) 0.98 lb./ft² (±10%) |
| Standard Sizes | Height: 4" up to 24" (2" increments) Lengths: Range from 12" up to 110" <i>See page 4 for more details. Custom sizes available</i> |



Linear Ceiling Baffle in Almond

Technical

| | |
|----------------------|---|
| NRC Rating | 12mm 1.30 24mm 1.15 |
| Fire Test | ASTM E84, Class A Flame spread index: 15 Smoke developed index: 200 |
| Colorfastness | ISO 105-B02, 6-7 |

Details

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

* Conditions apply

Environmental

| | |
|---------------------------|--|
| Recycled Content | Minimum 60% |
| Energy | Generated using 40% solar energy |
| Indoor Air Quality | VOC less than/equal to 0.5mg/m3 |
| Recyclable | 100%* |
| Certifications | Environmental Product Declaration Declare Certification - LBC Red List Free (third-party verified) SCS Global Indoor Advantage Gold |

* PET is recyclable through participating partners.



Call **800.966.8557** with questions or visit **acoufelt.com** for more product information, downloads, and colorways.

Colorways

PREMIER

| | | | | | | | |
|--|---|---|---|---|--|---|---|
|  |  |  |  |  |  |  |  |
| White WH12 | Almond AL55 | Pistachio PI25 | Celery CE65 | Metal ME03 | Flamingo FL61 | Quartz QU67 | Turmeric TU60 |
|  |  |  |  |  |  |  |  |
| Platinum PL04 | Pearl PE21 | Eucalyptus EU71 | Sencha SE58 | Periwinkle PE23 | Amethyst AM69 | Valentine VA70 | Wheat WH68 |
|  |  |  |  |  |  |  |  |
| Grey GR02 | Ivory IV11 | Wasabi WA29 | Sea Salt SE57 | Marine MA15 | Lilac LI13 | Peach PE19 | Popcorn PO26 |
|  |  |  |  |  |  |  |  |
| Slate SL27 | Umber UM54 | Thistle TH28 | Peacock PE20 | Iris IR10 | Berry BE06 | Peppercorn PE22 | Carrot CA08 |
|  |  |  |  |  |  |  |  |
| Charcoal CH01 | Walnut WA56 | Oregano OR18 | Azure AZ05 | Granite GR62 | Flint FL64 | Shiraz SH63 | Currant CU59 |
|  |  |  |  | | | | |
| Piano Black PI24 | Midnight MI16 | Kale KA12 | Denim DE09 | | | | |

Order samples at acoufelt.com/colorways

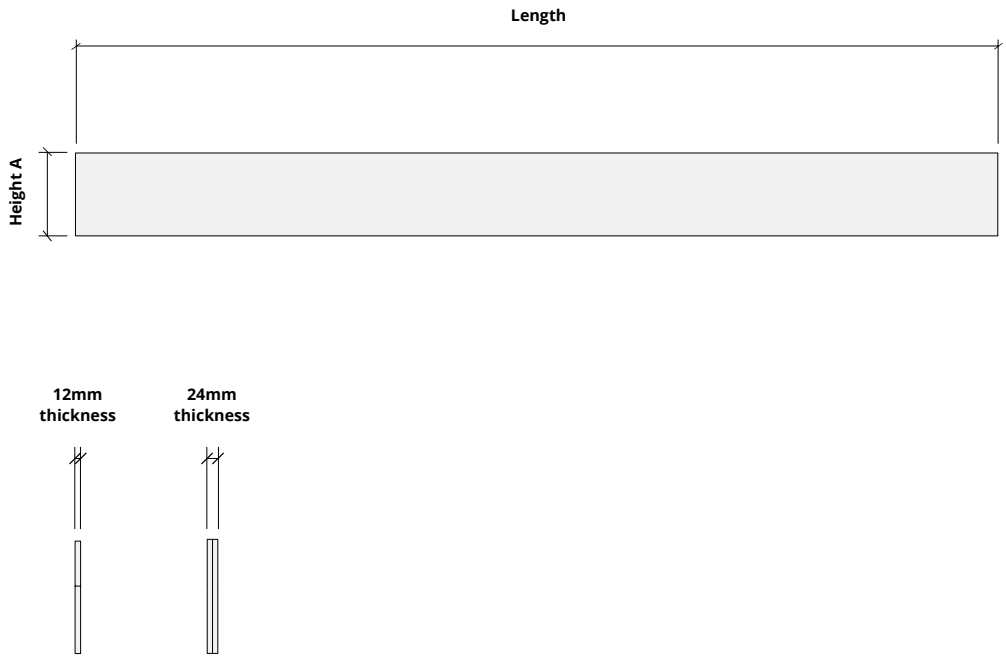
Sizes

Standard Heights 4" up to 24" (2" increments)
Custom sizes available

Thickness 1/2", 12mm (±10%)
 1", 24mm (±10%)

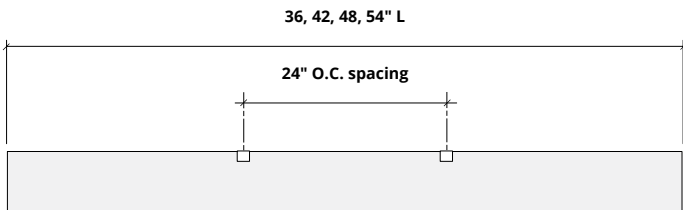
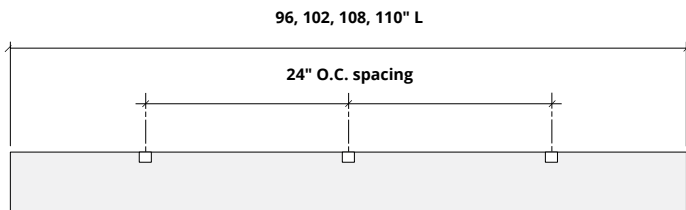
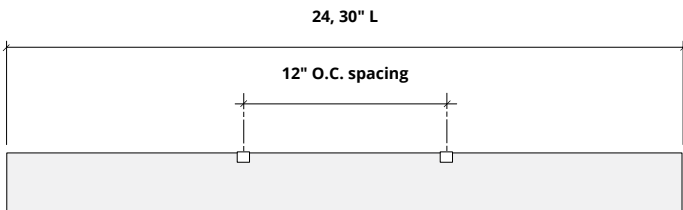
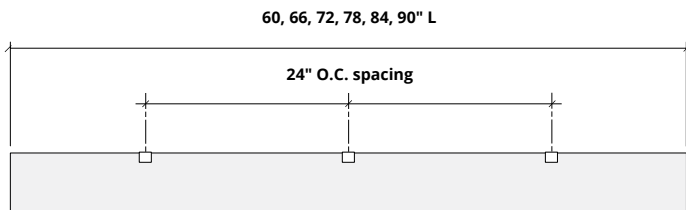
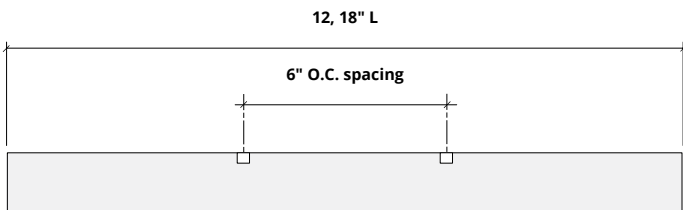
Standard Lengths 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84,
 90, 96, 102, 108, 110" L
Custom sizes available

| Height |
|--------|
| 4" |
| 6" |
| 8" |
| 10" |
| 12" |
| 14" |
| 16" |
| 18" |
| 20" |
| 22" |
| 24" |



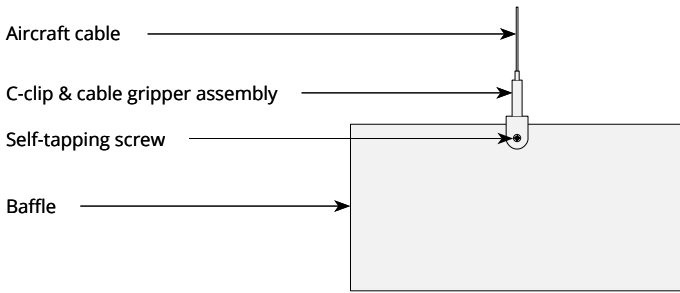
Hardware Spacing

| | |
|---------------------------|-----------------------|
| 12, 18" L | 6" on center spacing |
| 24, 30" L | 12" on center spacing |
| 36, 42, 48, 54" L | 24" on center spacing |
| 60, 66, 72, 78, 84, 90" L | 24" on center spacing |
| 96, 102, 108, 110" L | 30" on center spacing |

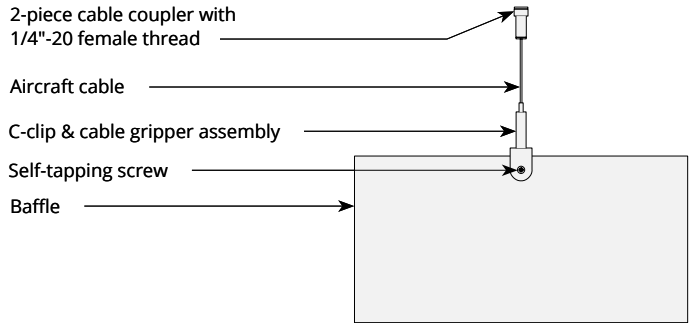


Mounting Methods

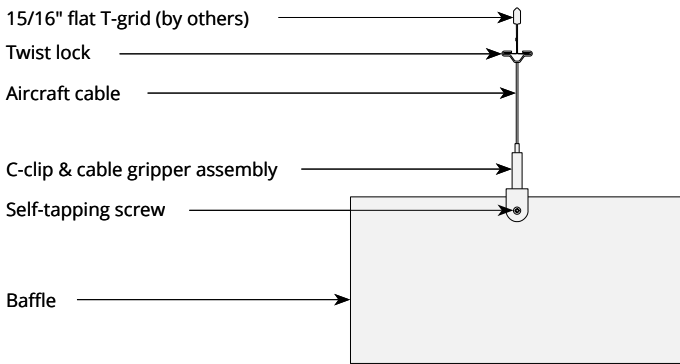
Cable



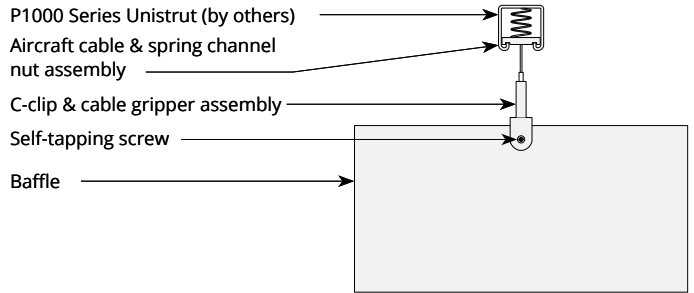
Cable to deck



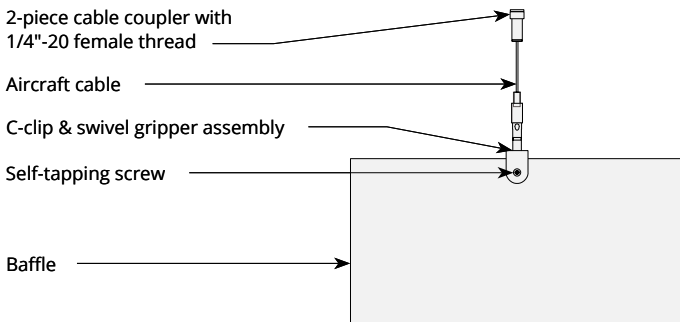
Cable to T-grid



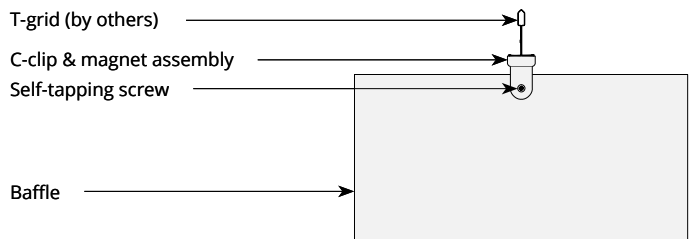
Cable to Unistrut



Swivel cable to deck

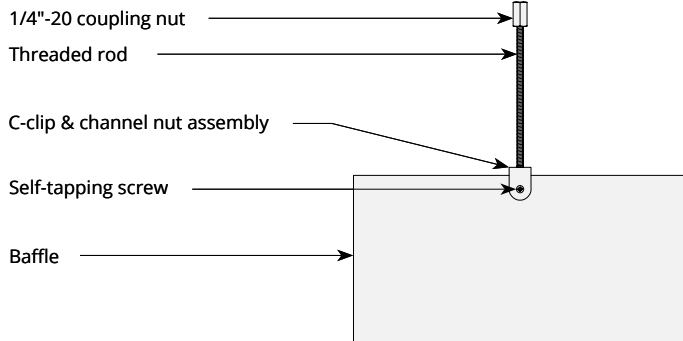


Magnet to T-grid

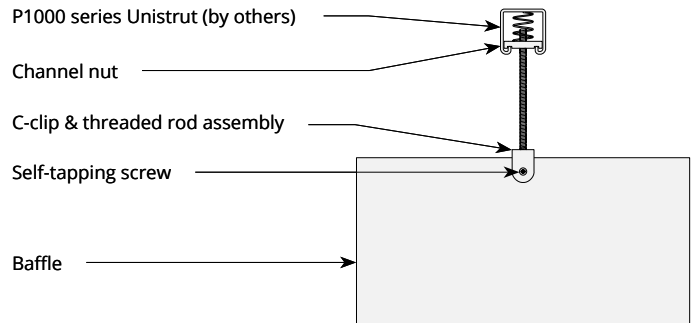


Mounting Methods cont'd.

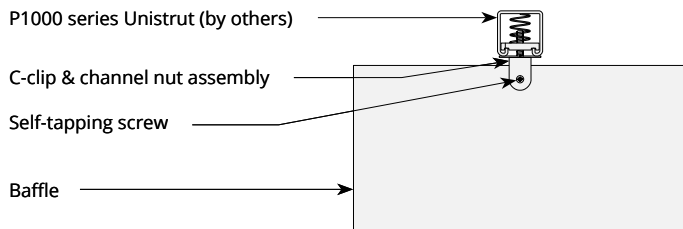
Threaded rod



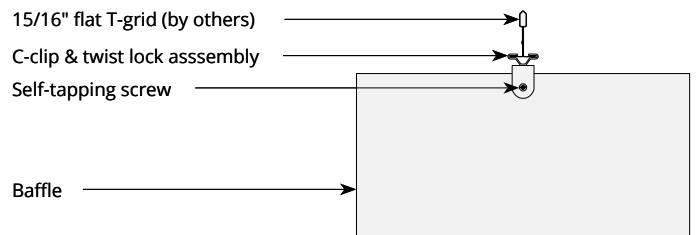
Threaded rod to Unistrut



Direct to Unistrut



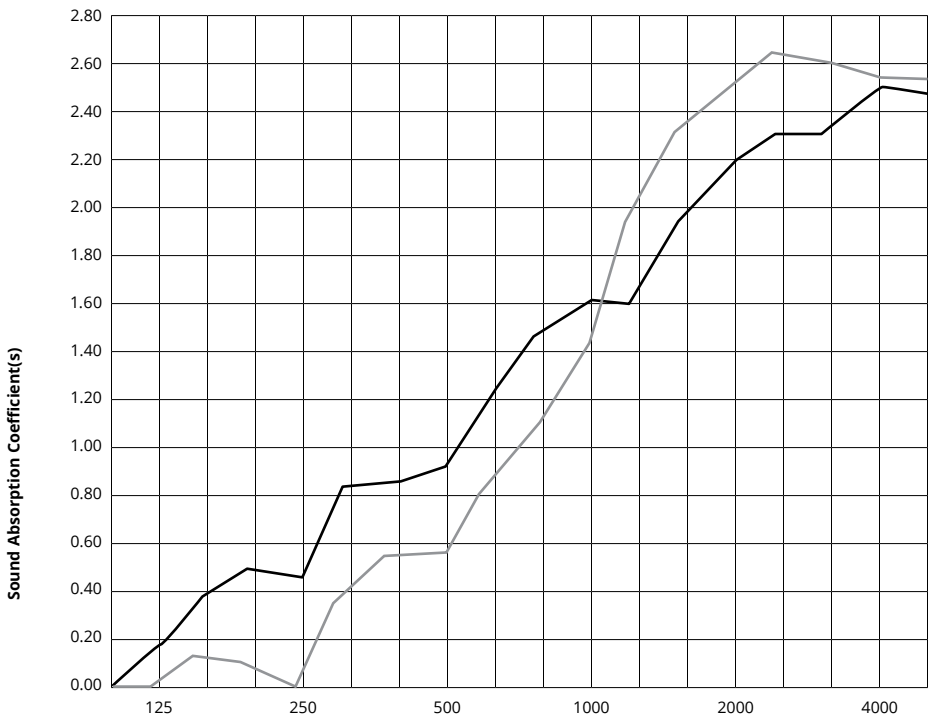
Twist lock to T-grid



Acoustic Performance

| | |
|------------------------|--|
| Test Method | ASTM E795-16 |
| Install Method | J-600 |
| Rating Method | ASTM C423-17 |
| Mounting Method | Sample tested 6 baffles 110" L x 12" D, 12mm and 24mm thickness, sample hanging 600mm from floor and 6" O.C. from each other |

| | |
|---------------------|-------------|
| Test Results | 12mm |
| | NRC 1.30 |
| | SAA 1.32 |
| | 24mm |
| | NRC 1.15 |
| | SAA 1.19 |



| | Frequency f (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC |
|--|------------------|------|------|------|------|------|------|-------------|
| | 12mm | 0.17 | 0.44 | .93 | 1.62 | 2.20 | 2.51 | 1.30 |
| | 24mm | 0.01 | 0.00 | 0.56 | 1.45 | 2.52 | 2.55 | 1.15 |

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.