



## PANEL-TEX™ SYSTEM

Traditional, Swell Acoustical Panels™, Plank, & Ceiling Baffles





## NOISE + SOUND

With the rise of an open office concept, these interactive spaces promote collaboration and teamwork, and in turn, increase the level of noise. Studies indicate that unwanted noise causes stress, and other health ramifications, further emphasizing the importance of acoustical solutions in the workplace.

## ACOUSTICAL SOLUTIONS: PANEL-TEX™

Panel-Tex™ by DFB are instant acoustical panels tailored to fit any wall and desired space, due to the products customizable sizes. DFB offers a range of products under our Panel-Tex™ umbrella, all of which have proven noise reduction characteristics.

DFB determines the acoustical value of our products through Noise Reduction Coefficient (NRC), which measures the amount of sound absorbed when it strikes a particular surface. These products achieve a NRC rating from .30 to .95 for prefabricated panels, and 1.0 for our fabric wrapped Ceiling Baffles.

**MADE IN NYC™** All panels are manufactured at our facility in Long Island City, ensuring a quick lead time under tight deadlines.







## FABRICS

DFB's Panel-Tex™ System is compatible with a variety of fabrics, including, but not limited to, felt, polyester, & Carnegie Xorel. Panels are prefabricated per project specifications, and installed by DFB technicians.

## SUBSTRATES

DFB offers both acoustical or tackable substrates for our Panel-Tex™ System. Whether you require panels that absorb sound, or panels where a long lasting tackable surface is needed, we have the solution that is best for you.





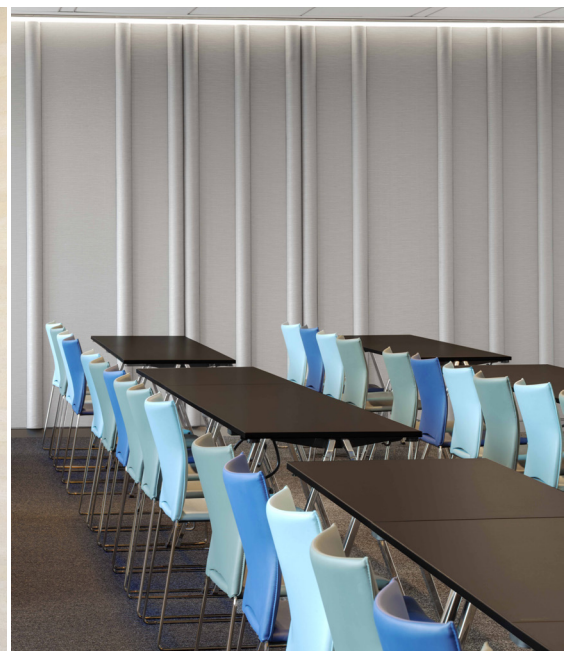
## PANEL-TEX™ VERSATILITY



Horizontal Wrapped Panels



Fabric Wrapped Panels with Element



Fabric Wrapped Panels & SWELL





Fabric Wrapped Panels



Fabric Wrapped Panels



5" & 10" Plank Panels



## TRADITIONAL WALL PANEL SPECIFICATIONS

- **Substrate(s):** Quiet-Core™ (Acoustical) & Mi-Core™ (Tackable)
- **Panel Thickness:** Quiet-Core™: 1"; Mi-Core™: 1/2" & 3/4"
- **Maximum Sizes:** 48" x 120"
- **Mounting Options:** Quick grab formula and concealed nails
- **Lead Time:** 4 weeks
- **Acoustics:** Quiet-Core™ reaches a 0.8 NRC rating when wrapped in fabric  
Mi-Core™ reaches a 0.3 NRC rating when wrapped in fabric
- **Fire Rating:** In accordance with ASTM E84, fabric wrapped panels achieve a Class A rating, passing NFPA 701

## SUBSTRATE(S)

### QUIET-CORE™

This acoustical substrate is made from inorganic glass mineral wool, and has excellent sound absorption characteristics.

### MI-CORE™

This tackable substrate from DFB offers moderate acoustical properties. Mi-Core™ is constructed with inorganic minerals and fibers, which makes it resistant to moisture and warping. This durable substrate is recommended for high traffic areas.





## SWELL ACOUSTICAL PANELS™

Our SWELL Panels fall under the Panel-Tex™ umbrella offering unique elliptical shaped panels that can be configured in a variety of patterns, using a combination of standard and custom sizes. Standard widths range from 2" to 10", and can be mixed and matched allowing for maximum creativity. To further enhance your project, pair and install our SWELL panels with our traditional prefabricated panels for a highly acoustical room.

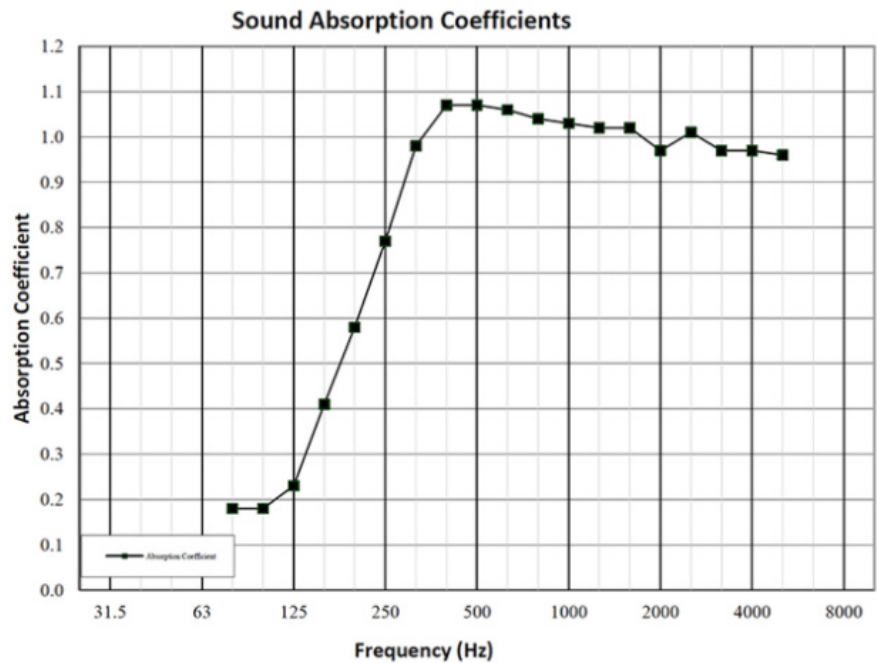




## SWELL SPECIFICATIONS

- **Content:** Substrate, Plywood, & Felt
- **Panel Widths:** 2", 4", 6", 8", & 10"
- **Maximum Length:** 120"
- **Mounting Options:** Quick grab formula and concealed nails
- **Lead Time:** 4-6 weeks
- **Acoustics:** ASTM C 423: 0.95 NRC, 0.97 SAA.
- **Fire Rating:** California Technical Bulletin 117-2013; NFPA 260 + UFAC Class 1
- **Colorfastness:** AATCC-16 (40 Hours) 4 Minimum
- **Environmental:** Rapidly renewable and compostable.
- **Panel Sizes:**

Width	Thickness
2	2 <sup>3/8</sup>
4	2 <sup>3/8</sup>
6	2 <sup>3/8</sup>
8	2 <sup>3/8</sup>
10	2 <sup>3/8</sup>





## SWELL 2

Our 45° beveled, half round panels are offered both horizontally and vertically, and integrate well with our standard SWELL Acoustical Panels™ and our traditional Panel-Tex™ flat panels.





## PLANK PANELS

These fabric wrapped, acoustical panels are distinguished by their rounded edges, and can be configured using our standard 5" and 10" wide panels.

## SPECIFICATIONS

- **Substrate(s):** Quiet-Core™ (Acoustical)
- **Panel Widths:** 5" & 10". Custom sizes available
- **Maximum Length:** 120"
- **Mounting Options:** Quick grab formula and concealed nails
- **Lead Time:** 4 weeks
- **Acoustics:** 0.8 NRC
- **Fire Rating:** In accordance with ASTM E84, fabric wrapped panels achieve a Class A rating, passing NFPA 701
- **Environmental:** Rapidly renewable and compostable.









## CEILING BAFFLE SYSTEM

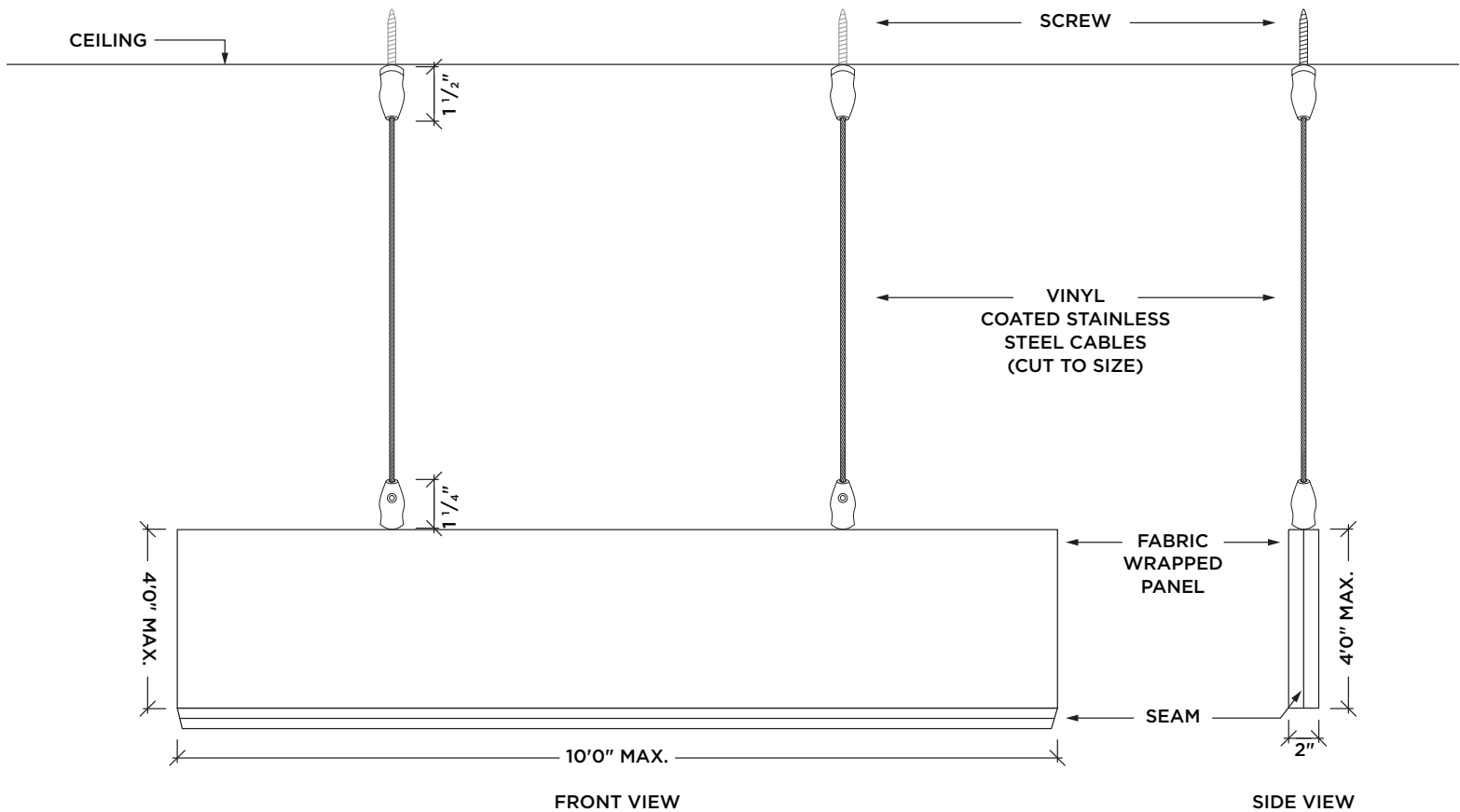
DFB's Ceiling Baffle System offers both a decorative and highly functional solution to noise reduction. This system is composed of individual acoustical baffles, that are suspended from the ceiling, and installed in a multitude of patterns.





## CEILING BAFFLE SPECIFICATIONS

- **Substrate(s):** Quiet-Core™ (Acoustical)
- **Panel Thickness:** 2"
- **Maximum Height:** 48"
- **Maximum Length:** 120"
- **Mounting Options:** DFB's Ghost Hardware, which includes Vinyl Coated Stainless Steel Cables. Also available in white and black.
- **Lead Time:** 3 weeks
- **Acoustics:** ASTM C 423: 1.0 NRC, 1.0 SAA
- **Fire Rating:** CA 117-2013, NFPA 260, UFAC Class 1
- **Custom:** Available upon request



HORIZONTAL CEILING BAFFLE WITH VINYL COATED STAINLESS STEEL CABLES BY DFB  
(1" Quiet Core Substrate also available)

