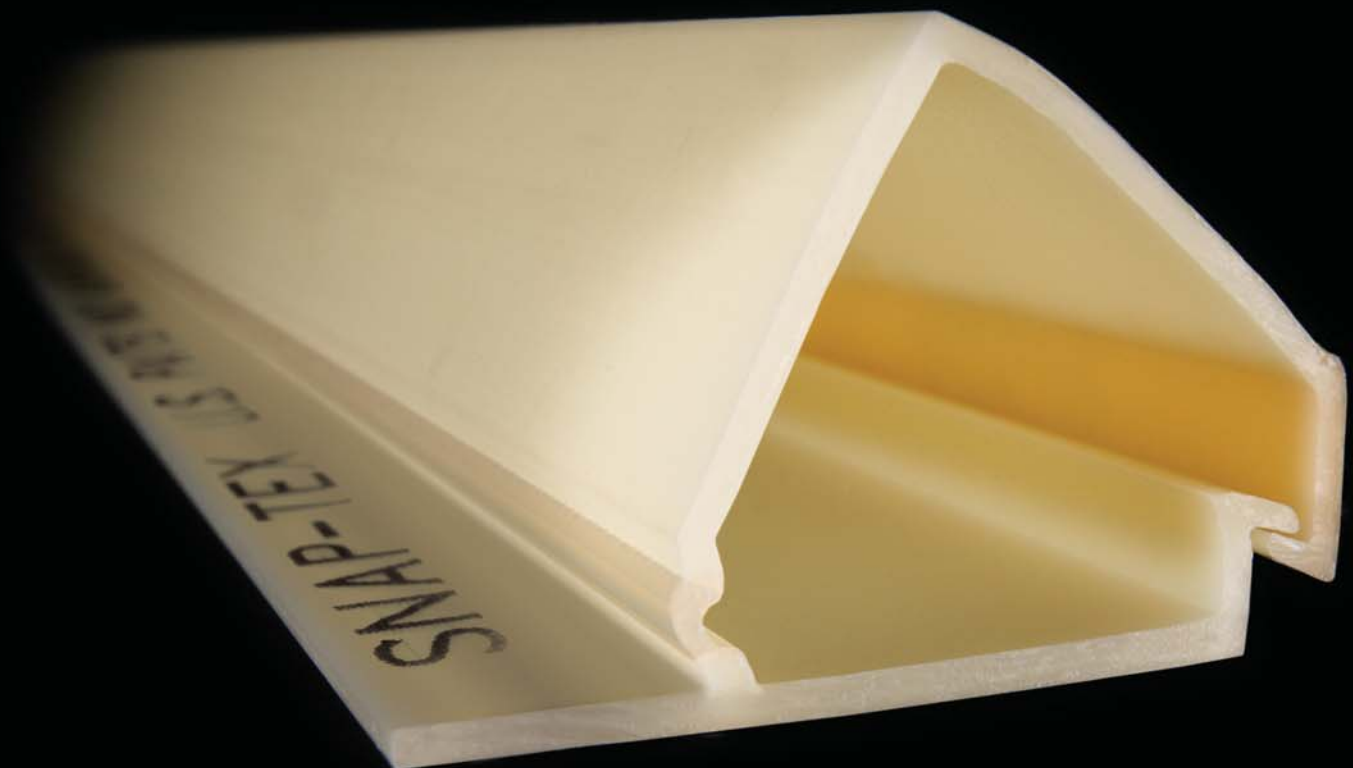


# Snap-TEX

A powerful and functional  
design medium.



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## Ceilings

## Portfolio

## Snap-Text is the industry-leading acoustical stretched fabric mounting system for walls, ceilings and other interior surfaces.

Engineered for superior function and design flexibility, Snap-Text brings acoustic control to interior architecture without sacrificing aesthetics. In fact, the Snap-Text system is often specified as a design medium first, with the added benefit of acoustic control. A wide range of Snap-Text profiles are available to address almost any design need.

The essence of the Snap-Text system is its patented locking Snap-Text jaw which sets the industry standard for strength and reliability. An integrated hinge allows Snap-Text tracks to be opened wide, allowing increased access to the inside of the track for fastening to substrates.. This hinge also lends itself to subsequent repairs or fabric replacement.

Fabric adds warmth and beauty to any environment, and when used with the Snap-Text system, can still be practical and efficient! Hidden under the aesthetic panel can be multiple acoustical substrates that fulfill a three-fold purpose:

- Efficient Sound Absorption, diffusion or reflection
- Tackability
- Highly Aesthetic and Unique

Bring acoustic control and beauty to your next interior architecture job.

Call **1-800-762-7875** to locate a Snap-Text dealer near you.



**SNAP-tex**

**Dealer Information:** Please feel free to contact us at our toll-free number for any questions you may need answered, no matter how small. Our staff will put you in touch with someone who can guide you through design and specification development. For questions, or technical support: **1-800-762-7875** or see our website at [snap-tex.com](http://snap-tex.com)

# System

# Description

Snap-TEX is a commercial; Class A, site-installed, highly customized system for tightly stretching fabric over acoustical substrates. Snap-TEX is typically used on walls and ceilings, but is adaptable to any surface. It's site-installed nature assures perfect fit to all adjacent work while eliminating the gaps, sagging, or misfitting common to premanufactured panels and other perimeter systems. Snap-TEX track is secured around the perimeter of each panel section.

The unique design of Snap-TEX offers many advantages over other acoustical stretched fabric and premanufactured wall treatments. Snap-TEX has far more flexibility in terms of design, lead time, and value engineering opportunities. It accepts virtually any fabric, as well as substrate materials of any thickness, while having no limitation to the size or shape of the panel. Size limitation is based only on the fabric width, or the ability of the fabric to be sewn to the desired panel size. Snap-TEX has numerous edge profiles of various thickness, as well as single-track midwall configurations.

Snap-TEX is exceptionally damage-resistant. Its specially designed jaw and hinge can be opened for easy and economical fabric cleaning, repair, or replacement. This can be done without damage to the track or mounting surface.

Unlike premanufactured acoustical wall panels, and other site built stretched fabric treatments, Snap-TEX is able to resolve the inherent weaknesses in other products attempting to perform its function. Snap-TEX offers technical superiority, and provides flexibility, performance, and economy. All of this is done without the lead-time of premanufactured product.

- **No limit to size or shape of panel**
- **Perfect fit is possible around all architectural details**
- **No gaps, sagging, or mis-fitting of fabric**
- **Accepts virtually any fabric**
- **Any depth can be achieved**
- **Multiple substrates can be used**
- **Three United States Patents (#4,676,016 & US6,431,251 #4,805,330) describe the original and basic structure that makes Snap-TEX unique. The primary structure is uniquely our product and is the only one-piece track system that is truly patented as a whole design.**
- **Cited by the Boston Patent Law Association as "The Most Innovative Invention" in 1988, Snap-TEX is an original.**
- **First ONE-PIECE design in the industry**
- **First to incorporate "dual-extrusion", utilizing both rigid and flexible PVC**
- **First with interlocking jaw and flexible hinge**



# Features & Benefits

**Inter-locking, biased tensioned jaws:** Superior gripping ability! Fabric may be stretched as tightly as needed with no slippage. Snap-Tex IS NOT SUBJECT TO PULLING OUT AND SAGGING DUE TO PEDESTRIAN PRESSURE.

**Optional two faced tape:** Allows for aligning patterned and woven fabrics while fabric is being stretched.

**Simple, one-piece design:** Simpler and faster means of installing and securing fabric.

**Patented flexible hinge:** Our own co-extrusion design feature allows for unlimited flexing of the locking mechanism, and stretching of fabric.

**Track is secured to the substrate both on the back edge and inside of the track on the front edge.** See illustration below.

**More profiles than any competitive system:** In our effort to offer the designer greater flexibility, we have developed more in stock profiles and trims to choose from than any other site-built stretched fabric panel system. Snap-Tex continually adds to it's profile line. Custom profiles, trims, and reveals are available upon request.

**Truly flush mounted:** No track is ever exposed. Snap-Tex is designed to mount fabric flush to wall so even on exposed edges, no track is ever seen!

**Track comes in standard 9' lengths, as well as custom lengths:** This allows for faster installations, and economic installation costs. Track can be spliced to create any size panel without visible track joints.

**Track can easily be re-opened:** For cleaning and replacement of fabric by installer.

**Fabric is stretched over the substrate, not glued to it:**

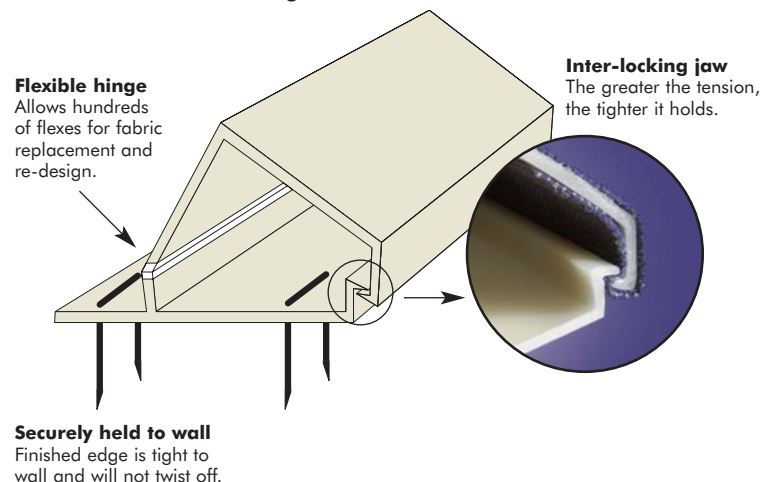
- Almost any fabric can be specified
- Allows for a high tension application
- INHERENTLY IMPACT RESISTANT

**Easy cleaning:** Unlike pre-manufactured fabric panels, stretched fabric panel systems are easily cleaned by typical upholstery cleaning techniques.

**Components are damage resistant:** Stretched fabric held by our interlocking jaws absorbs blows like a trampoline and springs back leaving no sags or dents as evidence.

**Patented system is sold to trained dealer/installers both nationally and internationally:** Snap-Tex provides a quality installation by trained craftsman. Call 1-800-762-7875 for our dealers in your locale.

**System is assembled on site:** Perfect detailing, tolerances to ten thousandths of an inch! No field measurement, and then a LONG LEAD time as is required for pre-manufactured panels. Since track is inventoried, construction can potentially commence the day of the design decision. Experienced, trained installers can immediately react to customer's requirements. Since panels are site-installed, they could never arrive damaged!



# Function of Snap-TEX Track

## Our unique track design serves two functions:

- 1) Snap-TEX holds securely various thicknesses of fabric under the tension loads necessary for a tightly stretched finished product.
- 2) Snap-TEX can define the edge detail and depth needed to accomplish the acoustical and aesthetic design requirements.

In any site-built, stretched fabric system, security and flexible holding power should be the #1 consideration! Snap-TEX is the industry leader in this area.

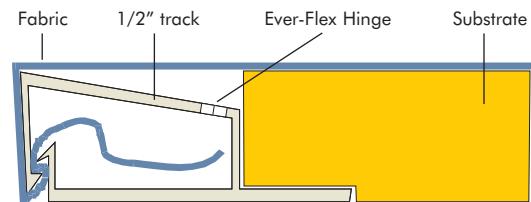
The variables of environment and fabric content should always be a major concern, for these affect the amount of tension required for fabric to remain taut.

Moist or humid conditions cause most fibers to absorb some percentage of moisture, at which point they can expand and then sag. This tendency can only be defeated by taking much of the stretch out of the fabric. Snap-TEX does this! **The unique, patented Snap-TEX design actually increases its grip as the fabric tension increases!**

This design not only allows Snap-TEX to achieve incredible tension, but also allows re-opening for re-stretching or replacing of fabric. Snap-TEX is superior to all friction-fit systems because friction-fit systems do not hold the fabric uniformly under varying degrees of tension, due to fabric thickness. Hand pressure can easily force the fabric out of friction-fit systems, especially thin materials. friction-fit systems cannot handle the powerful stretching necessary to control the potential sagging in unstable fabrics. Fabrics can sag when environmental factors change. Snap-TEX gives additional safeguards against environmental instabilities because it removes much of a fabric's ability to expand by removing the stretch from the material.

## Ours:

**With the patented Snap-TEX design,** fabric is completely removable for repair, cleaning and replacement – without damage to wall!

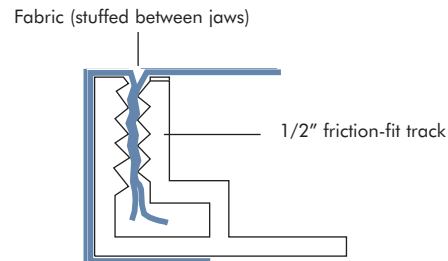


The tighter the fabric is stretched, the more the **interlocking jaws** pull against each other. Virtually impossible to pull fabric out when in its closed position.

## Others:

**With friction-fit systems,** thin or lighter weight fabrics can easily slip out!

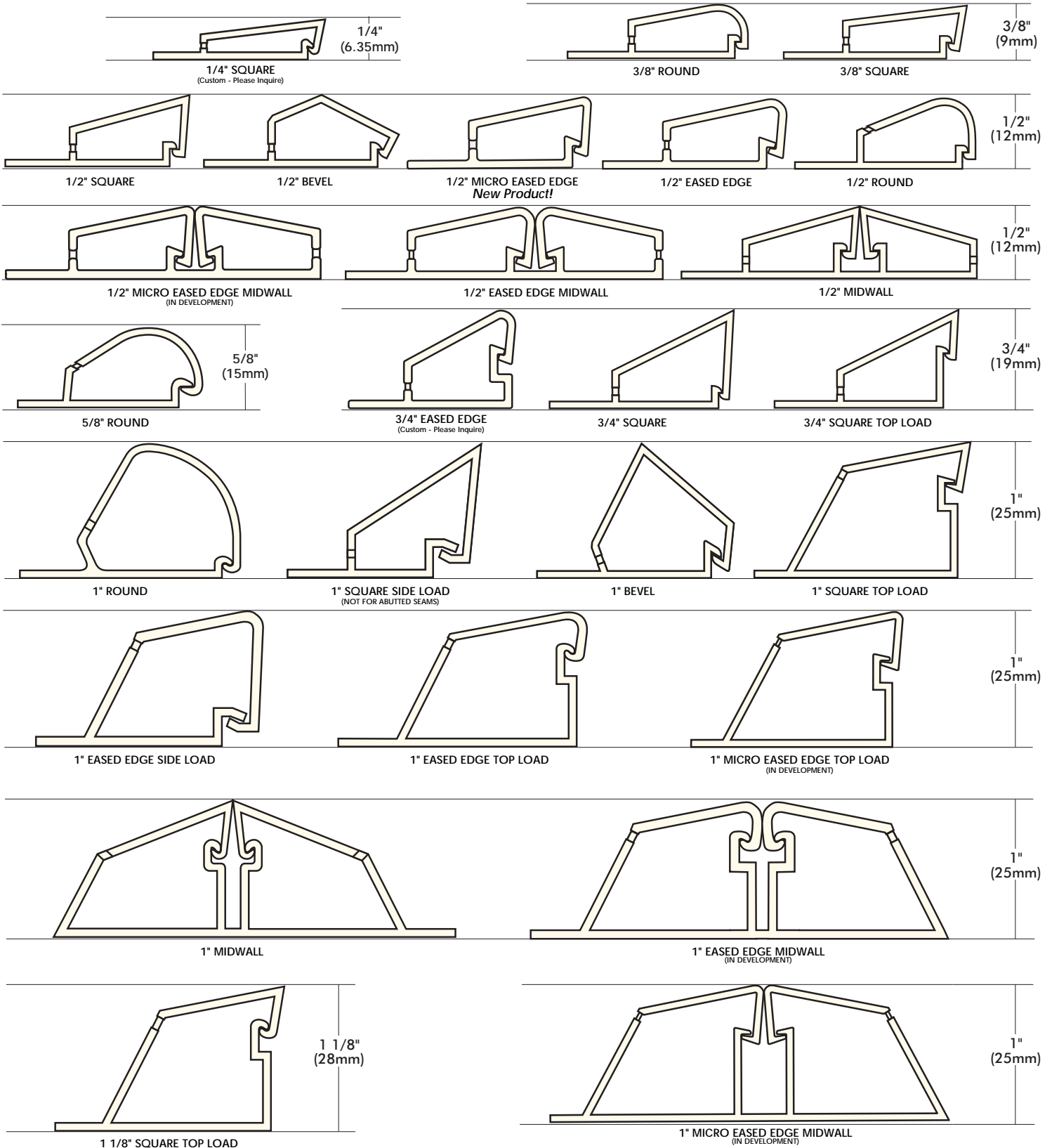
Exposed track edges have to be pre-wrapped prior to track installation, and are semi-permanent. Often the entire system has to be replaced just to replace the fabric wrapped around the track edge.



In friction-fit systems, the holding power for the fabric is provided only by the pressure of the two sides pinching together. Fabric has a tendency to slip out when panel is pressed or leaned on. Such potential is normal when panels are at pedestrian height. Thinner profiles have less surface area to grip the fabric.



# Snap-Tex Track Profiles (Tracks are shown to scale)



# Using Snap-Tex Tracks

## Sizes

Track size refers to depth. The deeper the track, the thicker the acoustical substrate can be, allowing for greater sound absorption, or holding power if some of the substrate is to support other finishes.

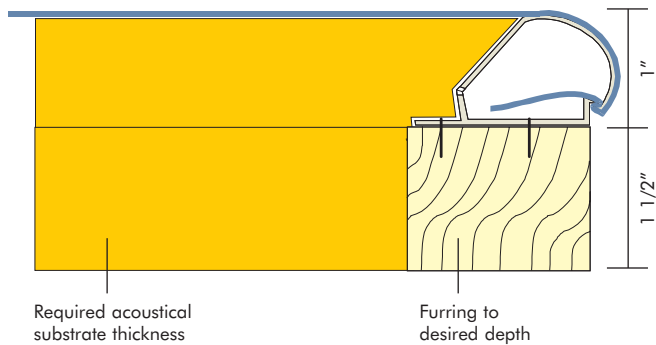
For many situations such as conference rooms, offices, etc., our economical 3/8" or 1/2" thickness is generally adequate.

Frequencies of the normal voice range can be absorbed very effectively with the proper thickness of an appropriate acoustical substrate. Always consult an acoustical engineer if you are not sure of your needs. Acoustics is a science.

In spacious areas, busily populated areas or areas where business machines are located, Snap-Tex profiles are made in larger depth sizes to accommodate more appropriate sound absorptive materials. Snap-Tex 1/2 inch, 5/8 inch, and 1 inch profiles can be furred out to any depth, using any combination of absorptive, or reflective materials to achieve the desired acoustical performance in the space.

In highly demanding environments such as recording studios or theaters, virtually any thickness substrate material can be used. Snap-Tex is simply furred out to meet any depth required! The extra depth also allows for more pronounced edge detail. Often, our larger depths are specified because they have high aesthetic quality as well as high acoustical performance.

Using common furring methods, virtually any depth can be achieved!



# Using Snap-Tex Tracks (continued)

## Styles

Track style is defined by the edge detail that will result along the perimeter of the panel section. By defining the edge detail of the track, the panel edges take on different design features. Panel sections may thus be subtle, with individual sections barely noticeable, or clearly distinct, adding architectural interest.

Snap-Tex currently offers three systems for details:

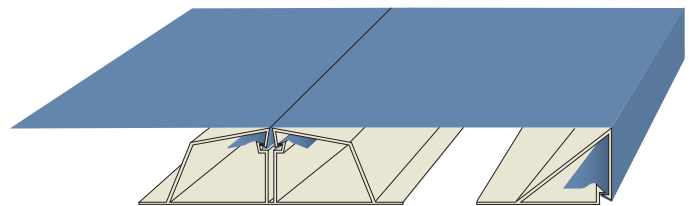
**Square edges** are typically used where panel edges or seams are to be as invisible as possible. An alternate to this look is to simply sew fabric sections together, or railroad the fabric, and stretch each wall as one large panel. The look can be almost identical to “square” track edges, and is more economical. Snap-Tex dealers offer Snap-Span fabrics that are very wide and can be stretched over huge expanses of walls or ceilings. Also available are Acoustigraphic fabrics that can be digitally printed with artwork, logos, and photographs.

**Radius edges** create a soft, subtle look that telegraphs the message that the wall is upholstered. The more pronounced the radius edging is, i.e., the larger/deeper the radius edge track is, the more the panel section will appear as an upholstered, pillow-like section. As with each of the profiles, the surface fabric will be tautly stretched with no ‘pillowing’ effect as is customary with traditional wall upholstery, unless of course that look is desired. If it is desired, that look can also be achieved by adding flame retardant polyfil. Welting can be added to enhance this look.

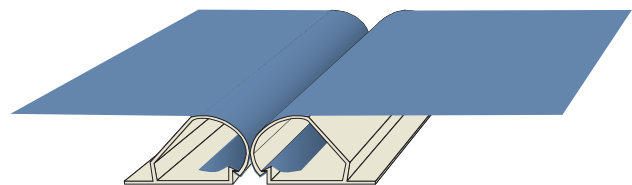
**Beveled edges** define crisp, clean, diagonal lines tending to be more tailored and contemporary in nature. Snap-Tex beveled profiles allow the designer to create two-dimensional architectural details.



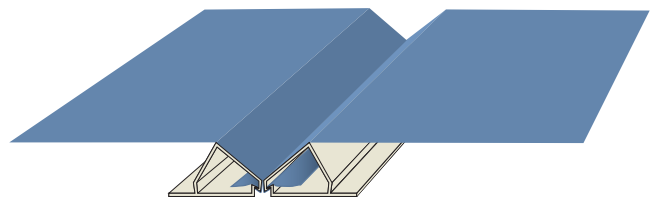
Three edge details in a variety of depths are currently stocked. New profiles are constantly being introduced.



Edge detail utilizing ‘Square’ edge profiles



Edge detail utilizing ‘Radius’ edge profiles



Edge detail utilizing ‘Beveled’ edge profiles

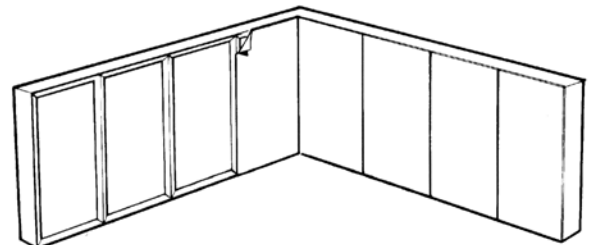
# Layout Options

In addition to the shape or size of panels, the initial design of the layout has to be made. The designer can determine the width and height of the panel but must do so with the fabric width and pattern repeat in mind. Panel sections can be individual sections defined by the track edges or sewing fabric panels together. The use of wide fabrics and railroading, turning the fabric side ways, can allow the designer to create very large panels. Individual panel sections allow for more detail and visual interest, whereas larger sewn panels are generally more economical.

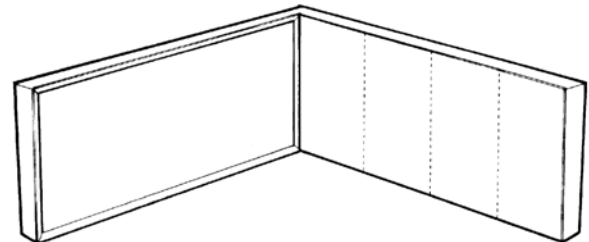
Snap-Tex generally recommends balancing panels of equal size on most walls unless the intent is to create artwork such as a mosaic of fabrics.

Alternate looks can be achieved using various types of reveals such as chrome, wood, laminate, paint, etc.

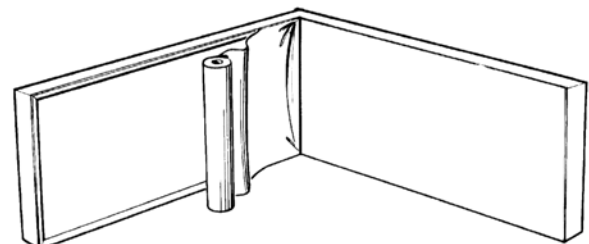
Horizontal panels or diagonal panels can be substituted or used in conjunction with vertical panels to create graphic designs and creative shapes. Horizontal paneling is also an economical option. Long, continuous, single panels can be run utilizing the full width of the fabric (railroading), covering more area in fewer panels. Snap-Tex has the holding power needed to stretch and tension large areas of fabric.



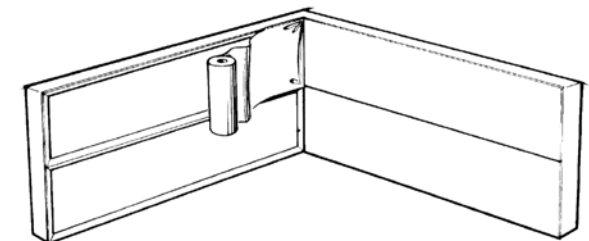
Track formed seams



Sewn seams



Railroaded with wide fabric



Railroaded

# Layout Options (continued)

Given any acceptable fabric we have yet to find any limitation to the panel size that Snap-Tex can handle! There are virtually no limitations to the size that any panel section can be. As mentioned earlier a panel may be larger in width than the fabric supplied by sewing vertical drops of the fabric together to reach the desired single-panel size.

Regardless of the ultimate size of panel sections, fabric must wrap around the Snap-Tex track with at least one inch of selvedge to insert into the track for locking into place. The depth of the track must also be considered in this estimation. The dimension of the fabric for each panel must be several inches larger on all four sides than the actual wrapped panel size. Please keep this in mind during the design phase when considering and estimating fabric selection.



# Panel Design

## Shapes

Snap-Tex can be shaped and contoured to an infinite number of creative shapes!

Rectangular sections have long been the standard of the acoustical panel industry. Snap-Tex can duplicate that look.

Geometric shapes of any size can be sculpted on a feature wall or ceiling, or mosaics and logos can be created.

Curves and circles can be built into the layout. Curved walls, domes and barrel-vaulted ceilings can also be accommodated. Snap-Tex can be used to upholster domes, or complex curves that curve in two directions! With our 3/8" and 1/2" profiles, our most flexible and workable sizes, 12" radii have been created without a problem! With the Snap-Tex tools the installer can work around highly sculpted millwork or other very intricate features.

Outlets, switches and lighting pose no problem. These elements can be skillfully integrated regardless of their shape or dimension.



# Fabric Selection

The Snap-Tex system accepts virtually any fabric, so selection is not limited (there are only a few suggested restrictions). The Snap-Tex interlocking jaw accommodates the thinnest fabrics to all but the thickest fabrics. This is because Snap-Tex does not depend on the pinching action of two opposing walls to hold the fabric. Competitive friction-fit systems rely on two opposing walls, a small and specific distance apart, to hold the fabric. This limits their effectiveness in many situations, but especially when fabrics are thin, thick, or slick.

Stable fabrics work best. A fabric's stability in a given use is the result of four factors; yarn content, yarn denier, type of weave, and the environment where the textile is going to be used. Stable yarns are those that have what is referred to as a low moisture regain, the result being they will not expand with an increase in humidity. The best fabrics are polyesters, or polyester blended with other stable textile fibers. These fabrics will perform well in environments where there are frequent or broad temperature and humidity fluctuations. Yarn denier and weave are tied together. Fabrics with larger denier yarns and tighter weaves are resistant

to stretching and distortion. Many very lightly woven olefins, and polyolefins are backed for stability and marketed for direct application to drywall as wall covering. Unfortunately many of these textile wall coverings will not pass fire codes in the unattached mode (unattached to drywall). In addition, the backings can severely degrade acoustical transparency, a requirement for all types of acoustical panel fabrics. Snap-Tex recommends the use of materials that are specifically designed for acoustical panels. Caution should be exercised when using a fabric designed for another use. The last important factor, the actual environment in the space, is controlled by the mechanical system performance. In order to predict how any fabric will react one needs to know the set temperatures, design relative humidity, and the potential humidity variations. With this information and a fabric choice, the fabric supplier should be able to tell you whether the fabric will be stable.



**Pipe organ covers**

Natural fibers such as linen, cotton, rayon, and silk, or blends thereof, while great for apparel, absorb moisture and elongate with increases in humidity, and are unstable under fluctuating environmental conditions. Such fabrics should be evaluated closely and are not generally recommended for acoustical panel use. If such fabrics must be used, one of the greatest features of Snap-Tex is its ability to take most of the stretch out of a fabric. Snap-Tex can be easily re-opened if necessary to re-stretch (or to change) the fabric should there be an unforeseen increase in humidity affecting the fabric selection. It should be noted that the addition of chemicals to make natural fabrics flame retardant can change fabric finish, appearance, and performance in negative ways. A fabric that is not available from the manufacturer as flame retardant and accompanied by a written performance guarantee should not be used. Aftermarket flame retardant applications negate all fabric warranties. The fabric vendor is in the best position to know what can and cannot be safely done to their product. They are also the only one that can maintain single source responsibility for the specified fabrics warranty and performance.

**PARAMETERS FOR INSTALLATION:** Fabrics should not be installed until the job site environment is maintained at conditions approximating those of occupancy for temperature, humidity and lighting. All adjoining work should be complete.

Snap-Tex does not require backed fabrics! Backings can significantly reduce the acoustical transparency of woven textiles, and often do not meet the flame retardant characteristics required in any type of acoustical panel system.

### Hospital corridor



Wall carpet is not suitable for use in any manufacturers track system. They are designed for direct glue application to walls and alone offer minimal sound absorption.

Exceptionally thin fabrics, fabrics with loose weaves or light-colored fabrics can be translucent, allowing shadows and substrate color delineation. A liner may be needed to counter this effect. Our perforated TYVEK is stable and meets the stringent NFPA 701 Large Scale fire code. Snap-Tex offers a large variety of Snap-Span extra wide polyester fabrics which would not require seaming and also pass NFPA 701.

If there is a question as to the content of a particular fabric and concern about its performance, please use our toll-free number. We'll be more than happy to assist you.

## 1-800-762-7875



# Changing Fabric



Ease in changing fabric is one of the greatest features of Snap-Tex! Whether redecorating, or replacing because of damage, simply unsnap the track, pull out the old fabric and install the new!

Licensed Snap-Tex installers should be called to handle fabric replacement. Although Snap-Tex is simple to use, many skills are required when handling fabric. Our dealers not only possess these necessary skills, but also know best how to work with our system in the most cost effective manner.

Cleaning fabric and re-installing it is one of the benefits of Snap-Tex. Ours is one of the few systems that can be utilized in this way. To prevent fabric shrinkage, end users should carefully consult fabric care instructions for proper cleaning techniques.

One of the biggest advantages of Snap-Tex is that traditional upholstery cleaning methods can be used to clean the fabric. Snap-Tex firmly locks in the fabric, so the pressures applied during cleaning on site will not cause the fabric to pull out of the system, which can happen with friction-fit systems. On site cleaning is also more cost-effective.

# Substrate Options

Rigid, acoustical fiberglass is the standard of the industry for sound absorption. Fiberglass is perfectly adaptable to the Snap-Text system in any thickness, and has excellent acoustical performance. Fiberglass still rates the highest of all acoustical substrates currently in use.

Fire-rated polyester batting, with flame-spread values of "0", can be a moderately effective and economical option to fiberglass. Acoustical foams that are fire-rated can also be used.

Tackable acoustical surfaces are often desirable in training rooms or conference areas. The use of tackable materials for bulletin boards and pinning of training aids has become extremely popular. Snap-Text's clean look is achievable since tackable materials can be installed under the fabric. When integrated with other materials, multiple use applications are possible where the substrate differentials are imperceptible. Mineral fiberboards, such as Micore hold up the best, and offer a variety of acoustical performance. Micore also has the best tackable surface of any product of its type.

An 18 to 20 lb. density high impact fiberglass face can be laminated to any depth of acoustical fiberglass specified, creating a tackable acoustical surface over the base layer of fiberglass. This substrate will perform better acoustically than mineral fiberboard. Another approach is to inset the mineral fiberboard tackable surface only in the areas where tackability is desired. Adjoining areas may be integrated with acoustical materials in a seamless fashion, creating a continuous effect after the fabric is installed. Individual tack boards of coordinating fabrics may also be constructed very simply. With a Snap-Text tack board the fabric is the only thing that has to be replaced when necessary.

Snap-Text easily accommodates blocking for hanging heavy objects such as signage or actual pictures. Simply integrate plywood of the same depth as the rest of the substrate, and virtually any object may be fastened securely.

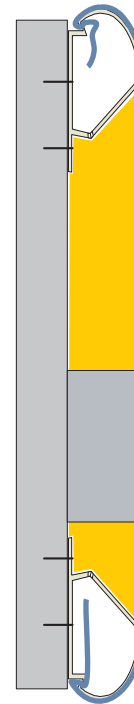
Any of these substrates or any other Class A fire-rated substrate of your choice can be used in combination, within the same panel.

Aesthetics and function are what Snap-Text is all about!

# Substrate Options (continued)

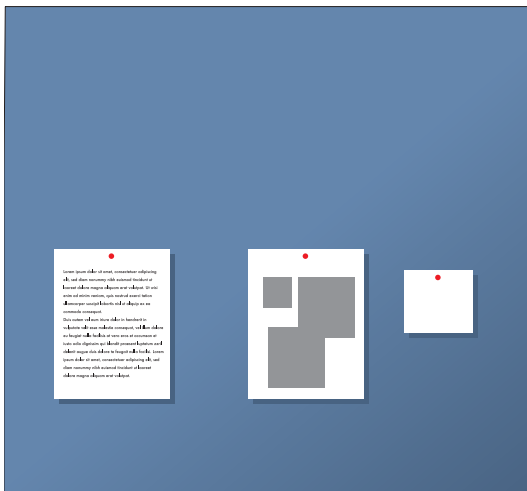


Office work station

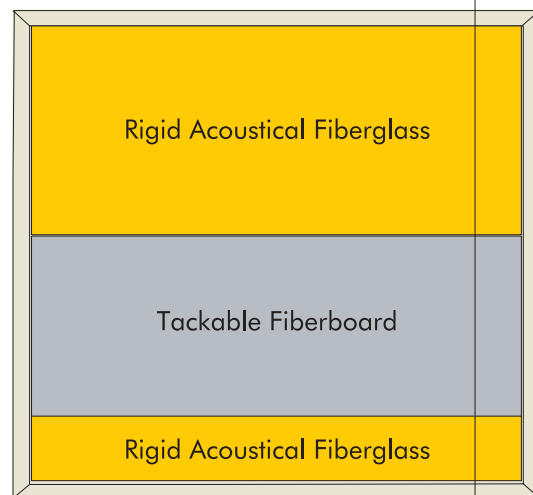


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A1

1  
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Tackable panel with fabric installed



Rigid Acoustical Fiberglass

Tackable Fiberboard

Rigid Acoustical Fiberglass

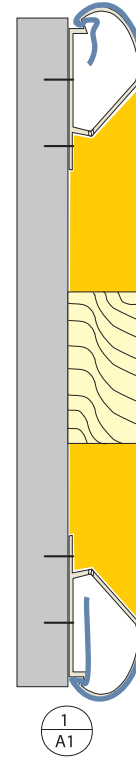
Tackable panel before fabric installed

# Hanging (Pictures, Fixtures or Signage)

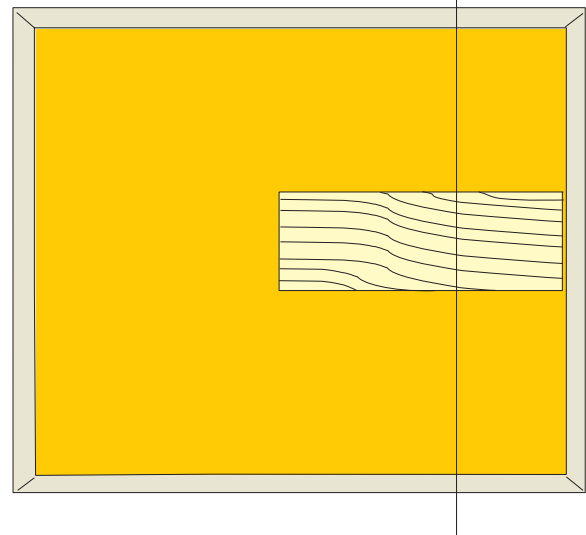
Lighter weight pictures or items can be hung on even our 3/8" system without any problem. It should be remembered that fibers in the fabric can get cut or a thread could be pulled or possibly fray. If a clean headed stainless steel nail is carefully inserted in between the weave, damage will not occur.

For deeper profiles, or heavier items requiring more than a simple hanger, it is best to block out the desired areas with plywood behind the fabric surface. The areas requiring blocking should be identified in the specifications and drawings prior to bidding. Again the clean head stainless steel nail should be used.

Heavy signage is installed the same way, and will require wood blocking for proper support.



(Not shown to scale)  
Heavier items or signage are best blocked-out with wood blocking just under the fabric surface.



**Museum display wall**

# Creative Designs

**3 Dimensional wall**



**Upholstered look**



Imagination is the designers' only limitation! Neither the size nor the shape of panel sections pose problems for Snap-Text, especially when the extra wide Snap-Span fabrics are used! Designer creativity defines what is possible when using Snap-Text products.

Reveals between panels are quite popular. Metal, wood, laminates or paint are very attractive accents that can be created around or between individual panels.

Micro-lights can be added to the reveal areas, creating a dramatic effect!

Welting and polyfil padding can often be added to re-create the traditional upholstered wall look, but are strictly aesthetic. Snap-Text looks beautiful without the need for welting because it has a finished edge!

Artwork and large canvases can be created without use of old-fashioned wooden frameworks. No unsightly staples or brad holes in the fabric are necessary. Snap-Text is not limited to just square edges.

Built-in speakers can be placed behind fabric for a continuous wall panel with no exposed equipment, offering easy access for equipment repairs or fabric replacement.

Edge details of our various track profiles can often be mixed for interesting architectural effects. A combination of panel depths can be used to create visual dimension. **Aesthetically or functionally, you can be creative with Snap-Text!**

**Stretched fabric acoustical ceiling and wall systems with digitally printed acoustigraphics wall fabric.**

# Maintenance

Snap-Tex is maintenance-free! No additional maintenance is required for a Snap-Tex installation than required for any other wall treatment! The system itself is completely stable. Being inherently damage-resistant, it is unlikely that any component would ever need to be replaced.

Fabrics generally do not require much maintenance. If dust should accumulate, simple dusting or vacuuming is sufficient. In the odd case of sun fading, replace fabric from corner to corner, as with any other wall covering.

Cleaning or fabric repair should be done in accordance with the fabric manufacturer's instructions. If the fabric is damaged beyond repair, simply replace the fabric without replacing any other component. This is especially helpful in elevator cabs or high traffic areas where the treatment is at pedestrian height.

Traditional upholstery cleaning methods can be used! This is not possible with the majority of acoustical panels and site built panel systems, as they are susceptible to damage from pedestrian pressure. On site cleaning can prove to be a very economical alternative to purchasing new fabric or to removing the existing fabric, having it dry cleaned, and then having it reinstalled.



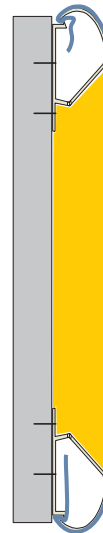
# Damage Resistance

Nothing is forever...but Snap-Tex comes very close!  
The components in a finished installation are all damage-resistant.

The track is made of rigid PVC that resists cracking and has a memory. A Snap-Tex installation rebounds to its original form after receiving a blow. The Snap-Tex track is fastened at two locations which become inaccessible to virtually any kind of potential outside force.

The fabric in a Snap-Tex system is locked in the jaws and acts like a trampoline. The fabric is tightly stretched over the acoustical substrate, enabling it to easily rebound from a blow or from pressing upon it without leaving any visible marks of the encounter.

Short of stabbing a sharp object or putting a cigarette out directly into them, the fabrics themselves are quite damage-proof when stretched tight with a Snap-Tex track. Depending upon the degree of traffic in an area, almost any fabric can be specified in total confidence.



Short of stabbing sharp objects or putting out cigarettes directly into them, fabrics themselves are quite damage-proof when stretched tightly over a substrate. Snap-Tex is very resistant to pedestrian pressure.



# Cost Factors

Snap-Text allows for more options and flexibility in design layout than probably any other system available! Because of this, there is almost always a way to configure a layout that will be right for you by allowing for the most economical installation possible.

Location, local labor rates, fabric cost, substrate cost, complexity of panel layout, and dealer competition are the factors that affect the cost of any site built stretched fabric panel system. At Snap-Text we are always ready to work with you in developing a design that meets aesthetic, performance, and cost criteria.

Exclusive territories do not exist within the network of Snap-Text dealers. This allows for competitive bidding when Snap-Text is specified.

## **Cost-Reduction Guidelines**

- Keep panel sizes as large as possible
- Use sewn seams where design dictates
- Utilize simple shape panels to cut labor time and cost.
- Use a standard profile thickness, and avoid furring out to greater thicknesses.
- Use cost effective fabrics. Wider and less expensive fabrics can work wonders on the budget.
- Use standard acoustical or tackable substrates



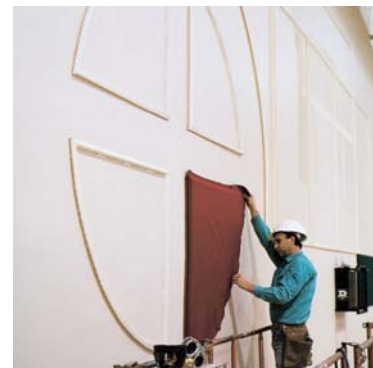
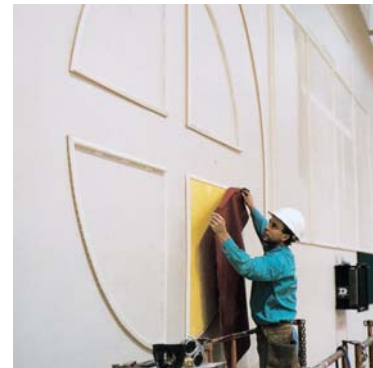
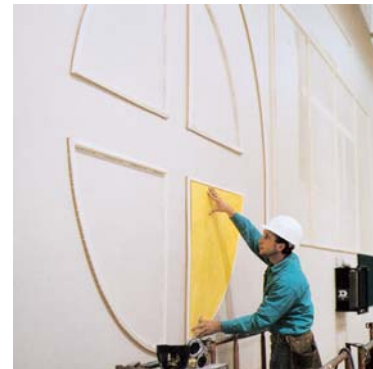


# Installer Qualifications

Training is given to each dealer company in each of the areas necessary to be proficient in installation of the Snap-Tex product. Installers are trained in the varied types of applications and situations for our product. Estimators are taught to do take-offs, as well as to offer suggestions on more economical layouts or details. Fair and competitive pricing is available. Techniques and skills are kept sharp through our sponsoring of annual seminars throughout the country. Dealers are required to attend these educational seminars on a regular basis. Dealers can and have lost their accreditation with our product if their workmanship falls below our standard.

## Warranty

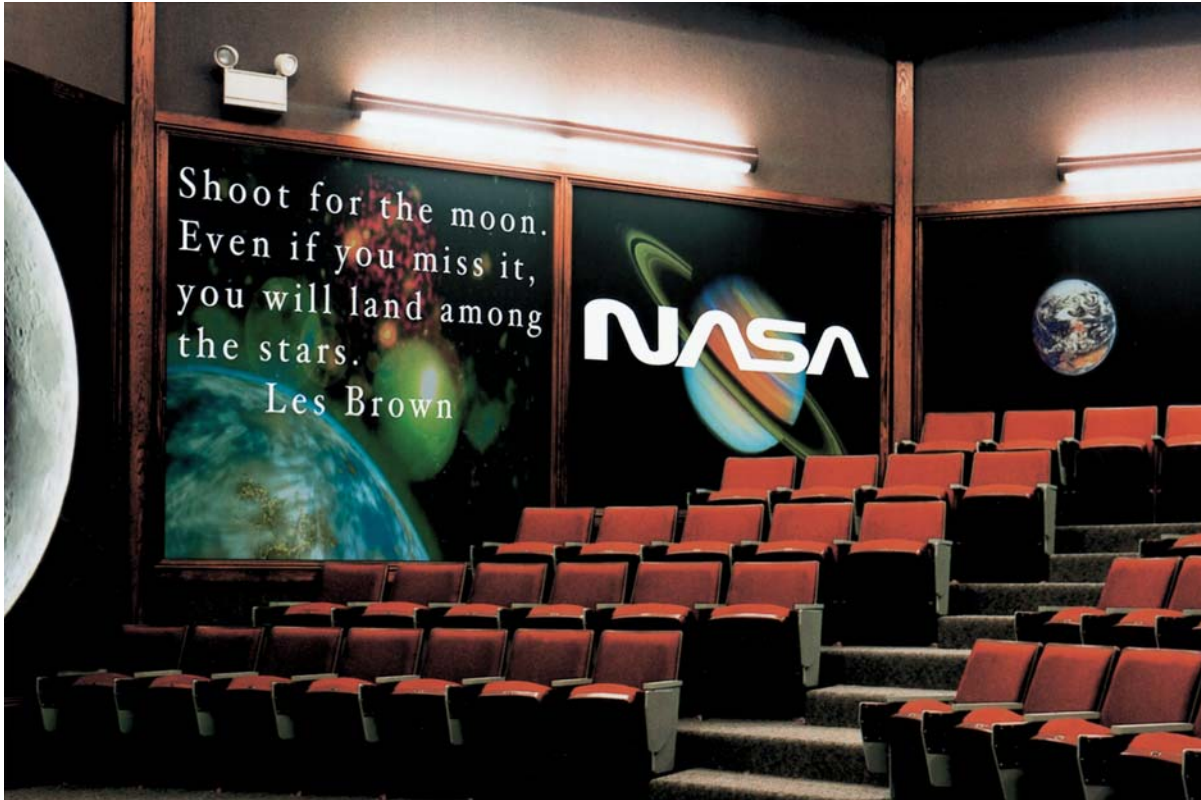
All Snap-Tex track is fully warranted for five years when installed by a certified and current Snap-Tex Dealer. The installation itself is warranted through each individual dealer as required by the Contract Documents. Fabric warranties flow through the actual purchaser of the fabric. Snap-Tex, or our dealers have no responsibility for performance characteristics of, or to warrant C.O.M. fabrics. Whoever is purchasing the textile wall covering should obtain warranties required from their sources in writing. The Snap-Tex warranty does not extend to contractors who are not authorized Dealers.



# Fabrics

The following swatches represent a small sample of the fabrics available that will work with the Snap-Tex system. For more information on selecting fabrics for use with the Snap-Tex system, call your Snap-Tex dealer.

# Acoustigraphics



AcustiGraphics is the original, custom digital print solution for the sound and noise control industry.

**Ideal for:**

- Stretched fabric acoustical applications
- Reflective, diffusive absorptive, or combination panels
- Single pieces up to 120" wide
- Maintenance friendly, cleanable with standard upholstery cleaning methods

# Acoustigraphics (continued)

The opportunity now exists for designers and architects to be creative and innovative while being sensitive to today's sound control issues.

AcoustiGraphics is the premier product for digitally printed, acoustically transparent imagery. Make imagery the highlight and focus of any interior environment.

## Application environments include:

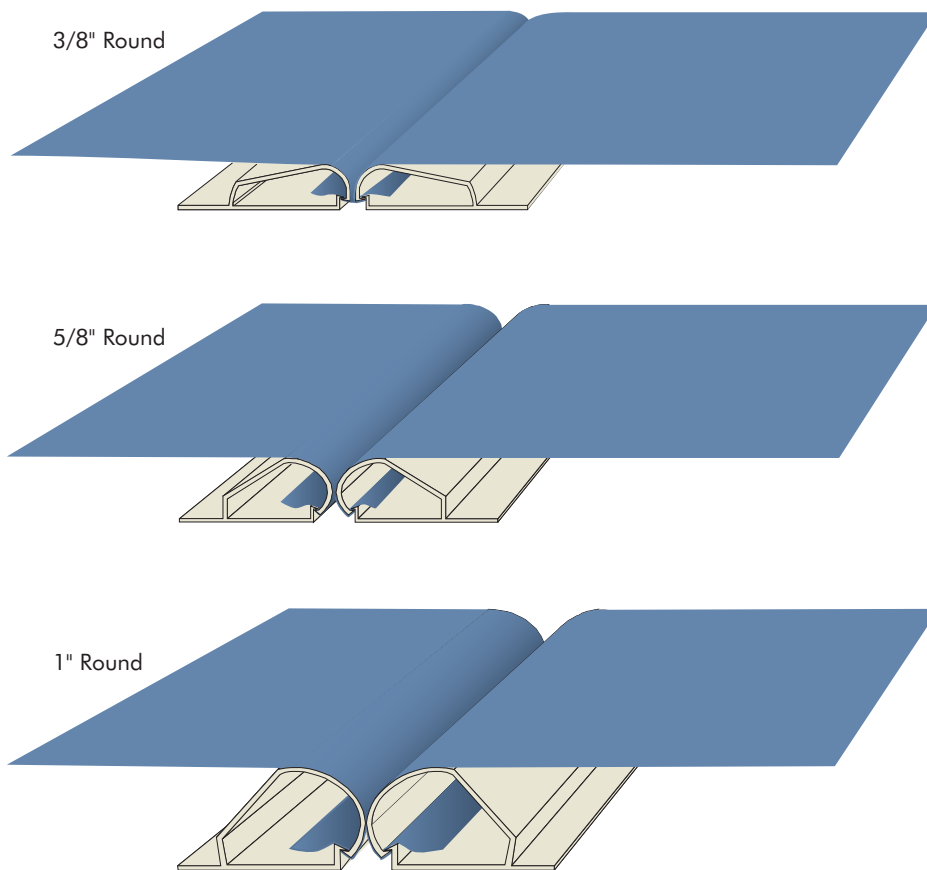
- Gymnasiums
- Conference rooms
- Churches/church halls
- Sports arenas
- Hospitals
- Theaters
- Universities
- Lecture halls
- Classrooms
- Retail stores
- Lobbies



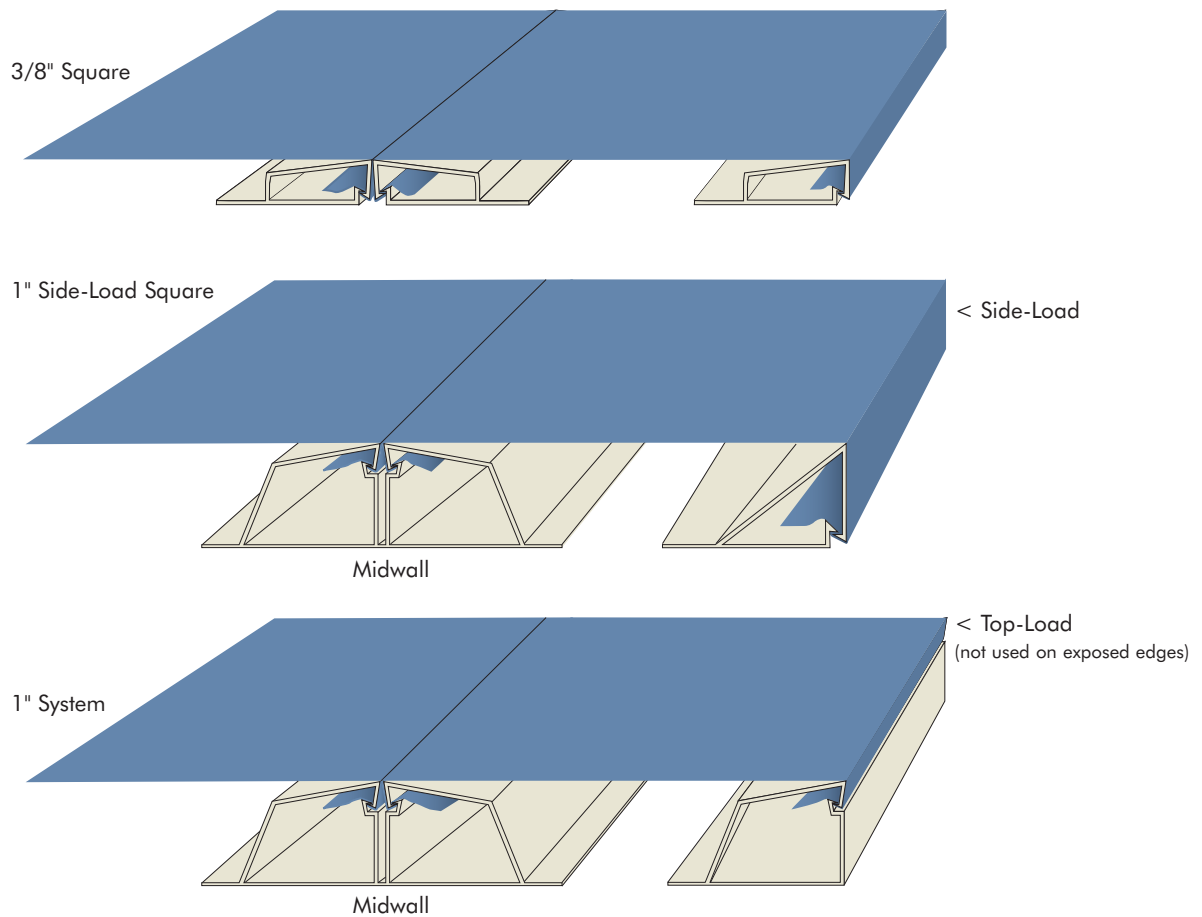
# Drawings

# Abutted Seams: Round

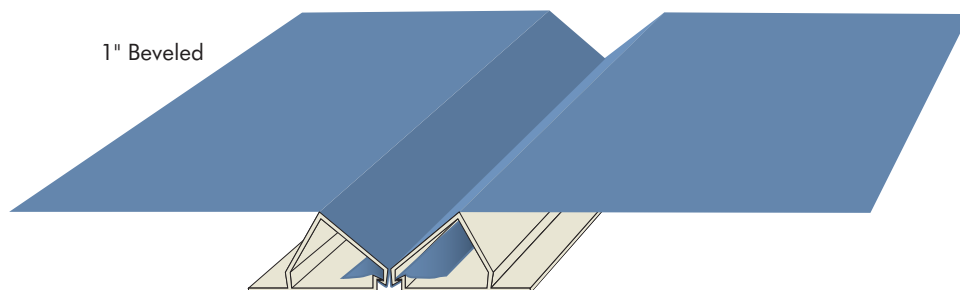
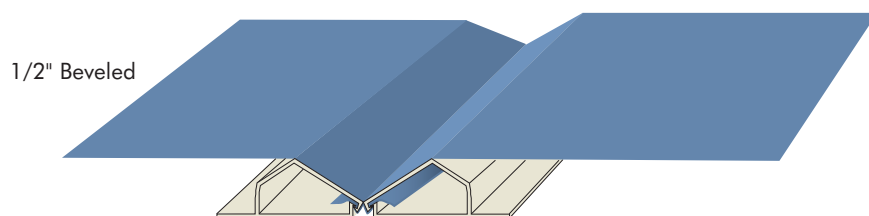
Each Snap-Tex profile depth lends a different aesthetic quality to the edge detail. The edge detail becomes more pronounced with increased depth.



# Abutted Seams: Square

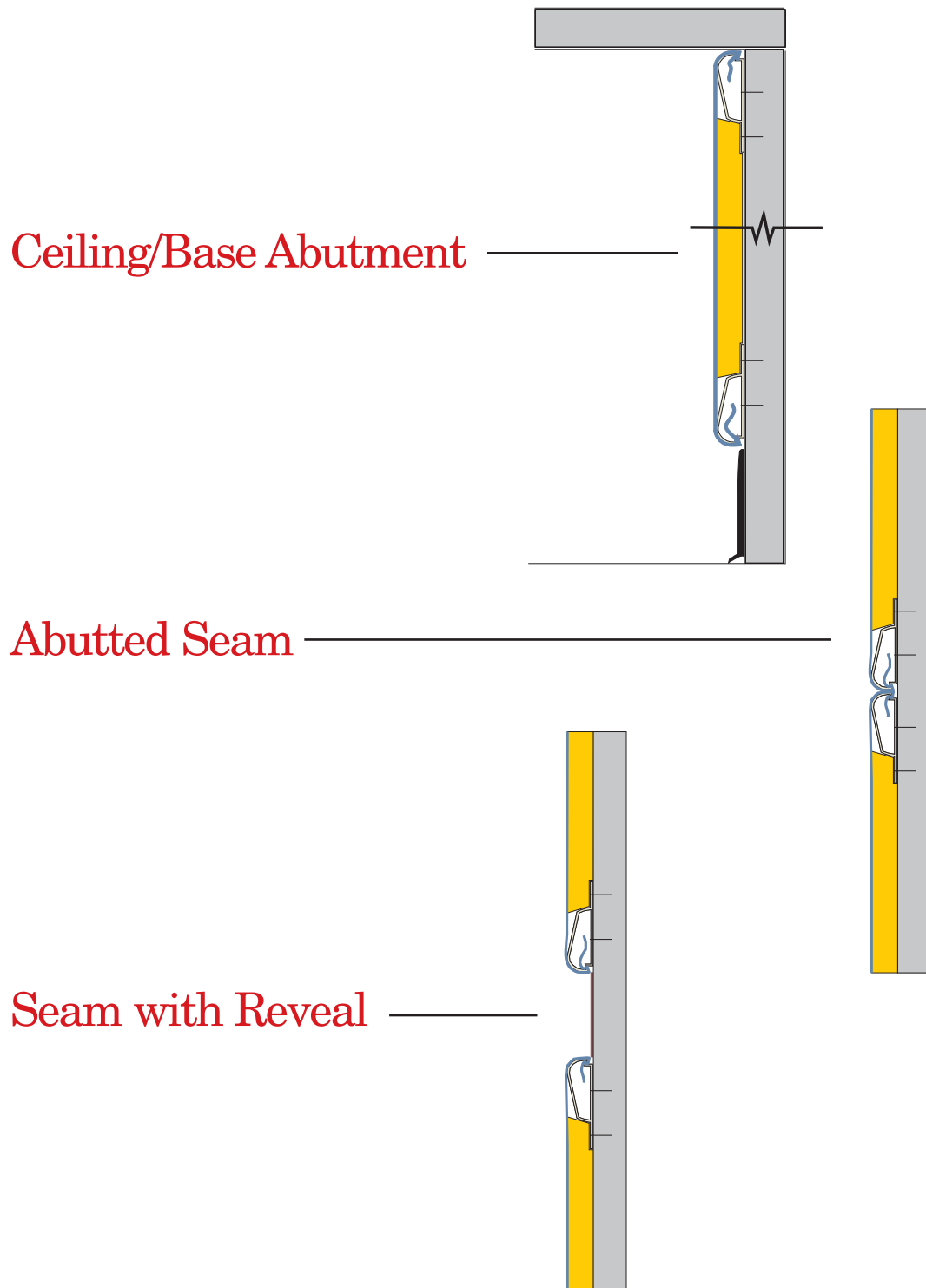


# Abutted Seams: Beveled

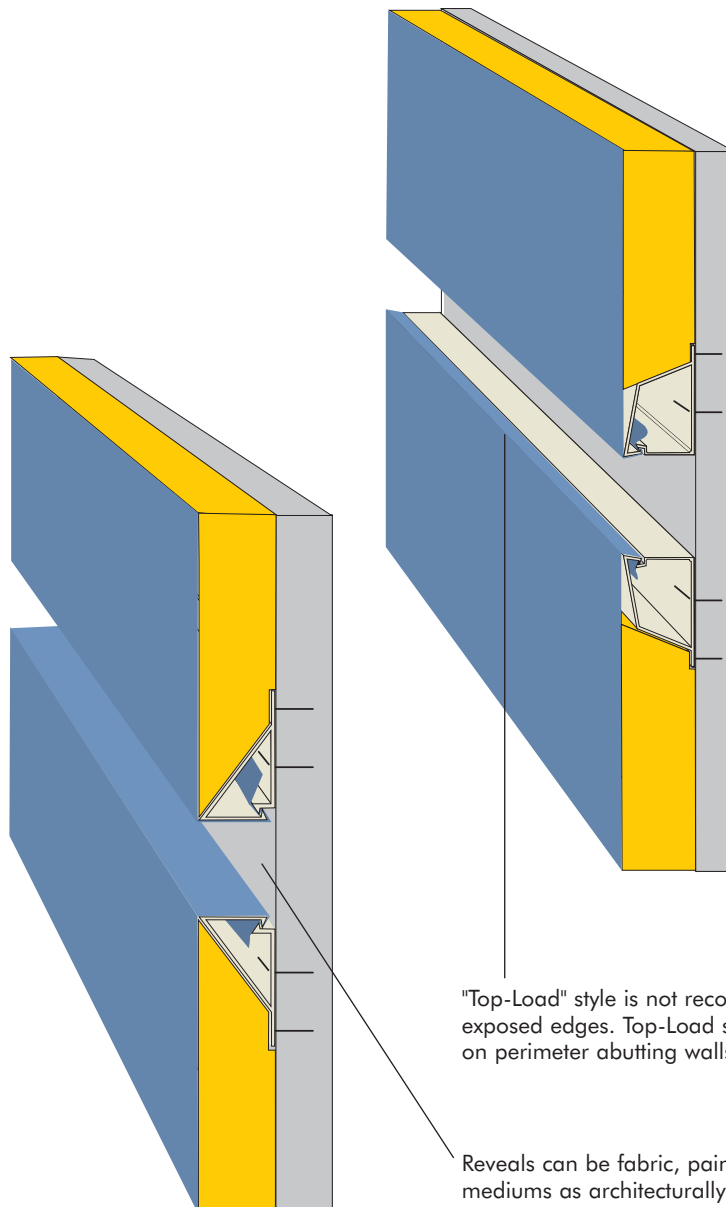




# Reveals, Joints, and Termination Points



## Seam w/Reveal-1" Square Profiles

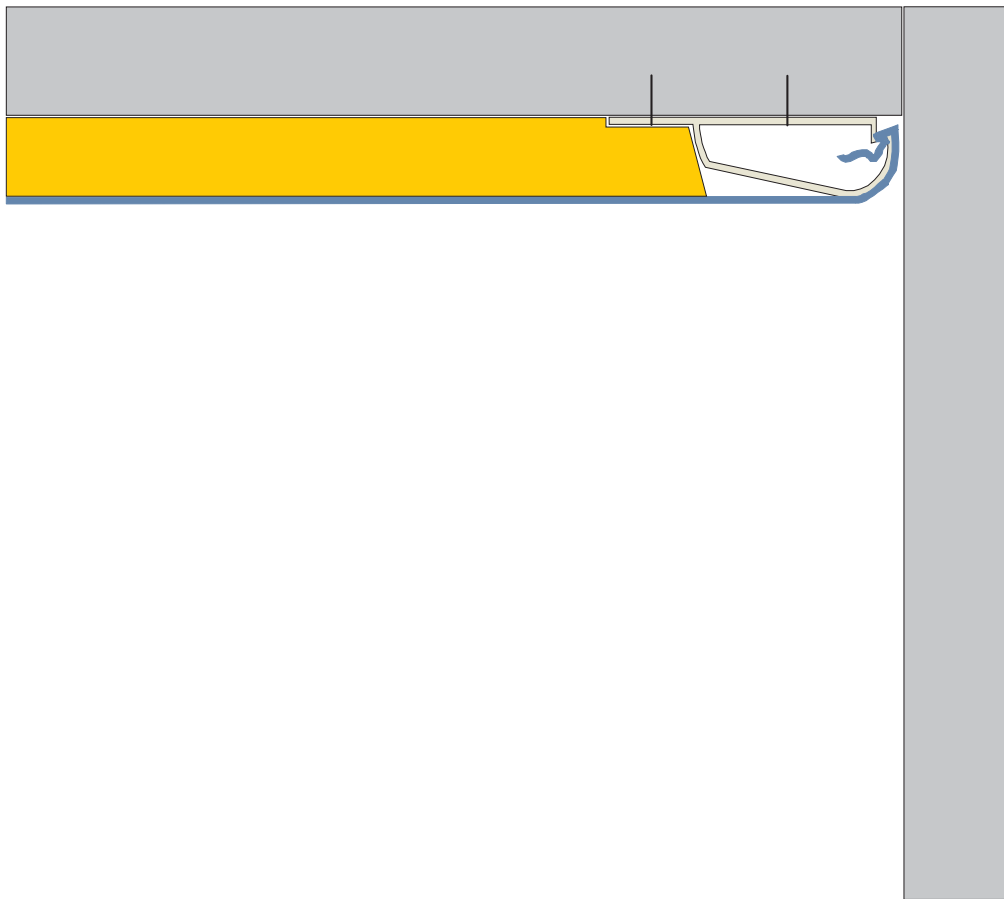


"Top-Load" style is not recommended for exposed edges. Top-Load should be used only on perimeter abutting walls or butt seams.

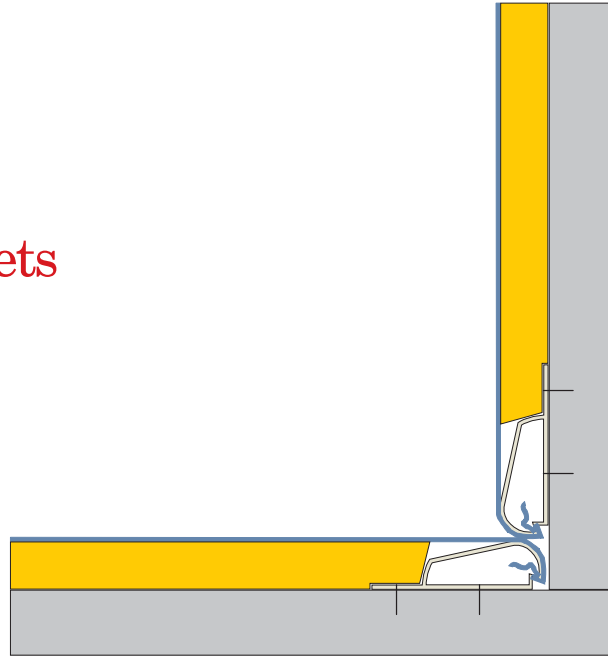
Reveals can be fabric, paint, metal, or other mediums as architecturally designed.

# Inside Corners

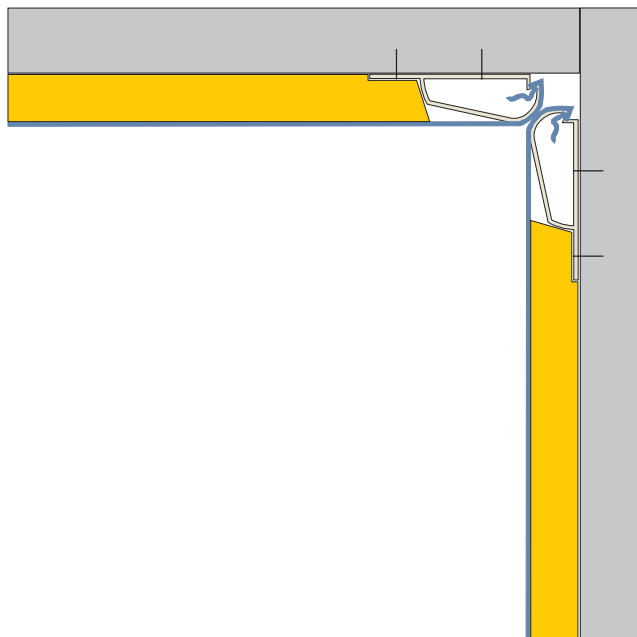
## Panel Ends



## Panel Meets



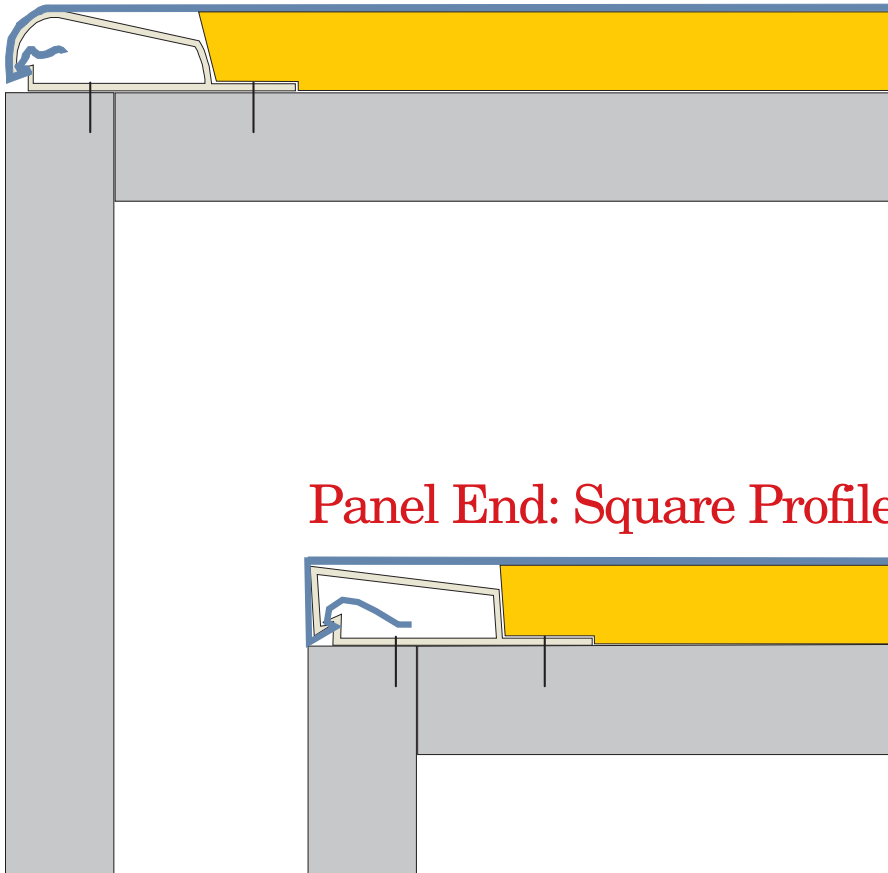
Option 1



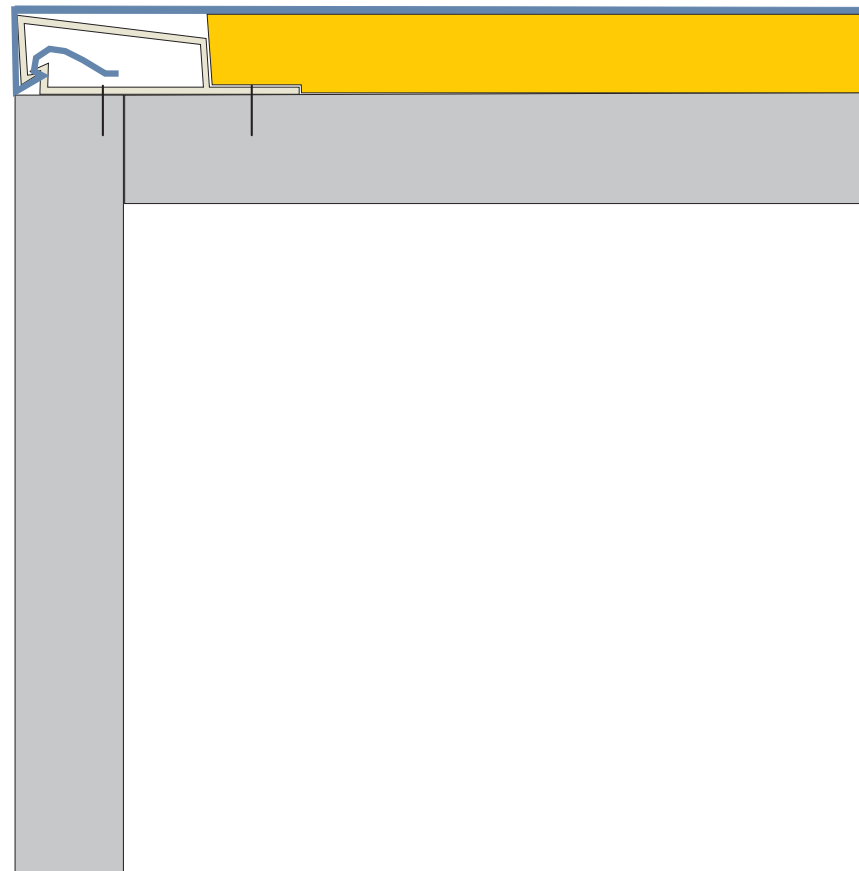
Option 2

# Outside Corners

Panel End: Round Profile

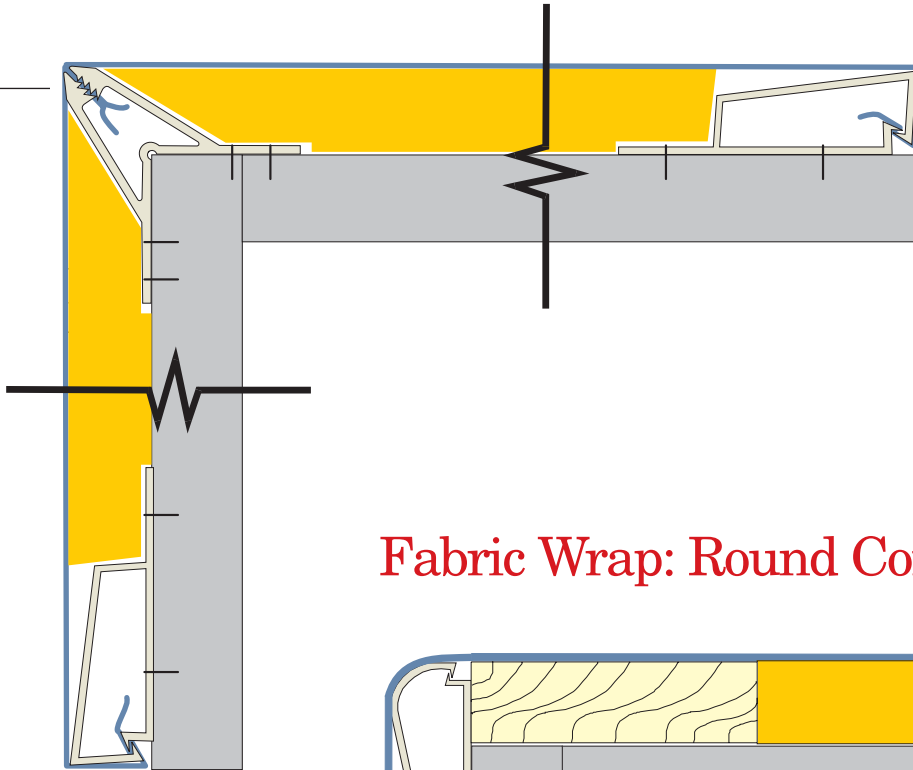


Panel End: Square Profile

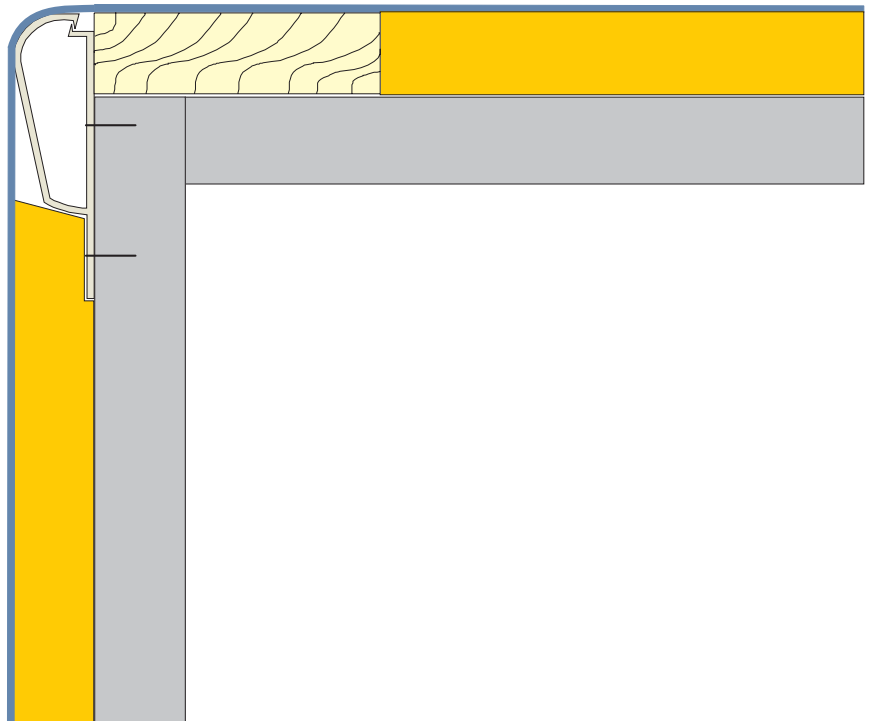


## Fabric Wrap: Miter Corner

Corner can also be wrapped without a joint

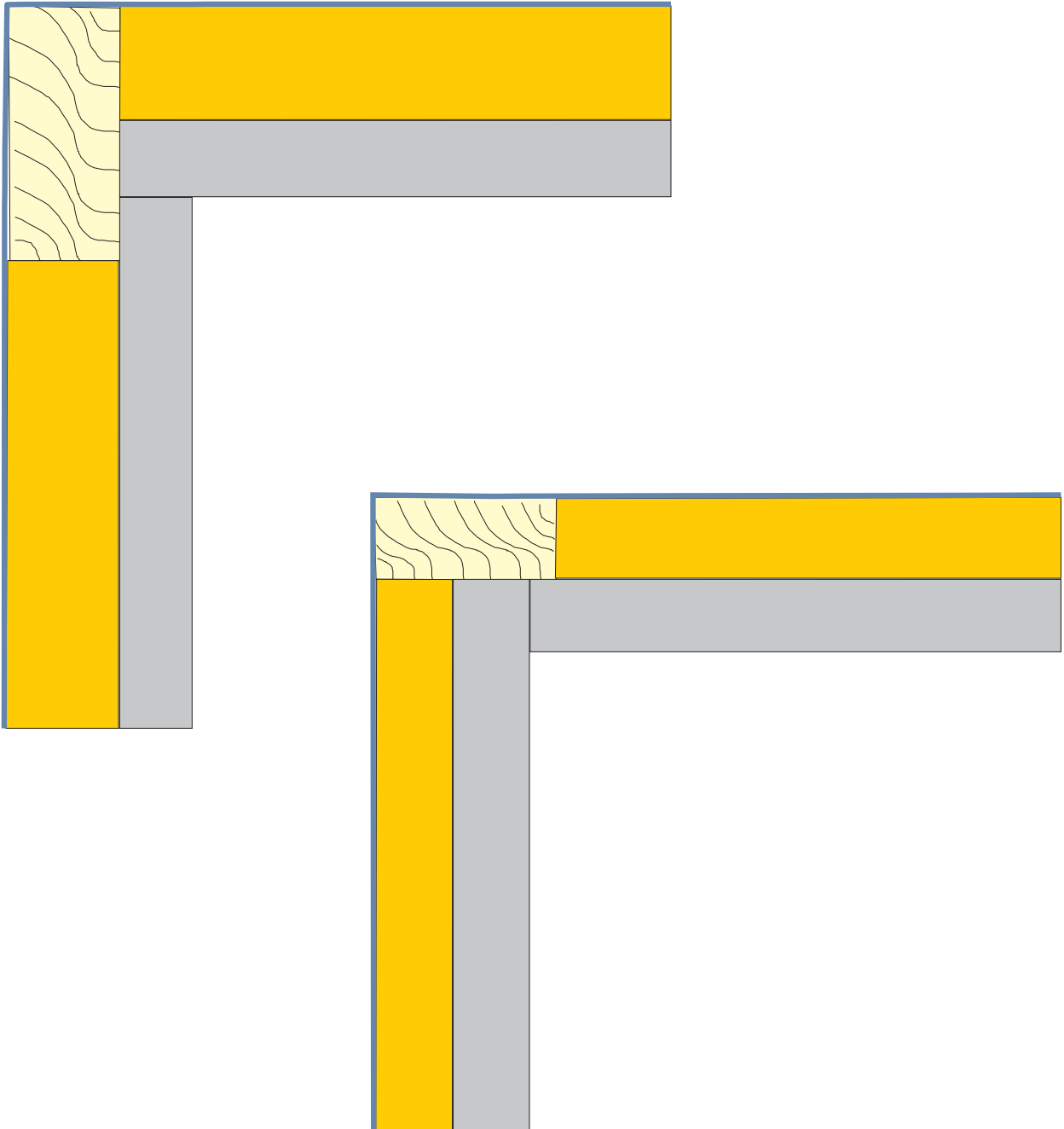


## Fabric Wrap: Round Corner



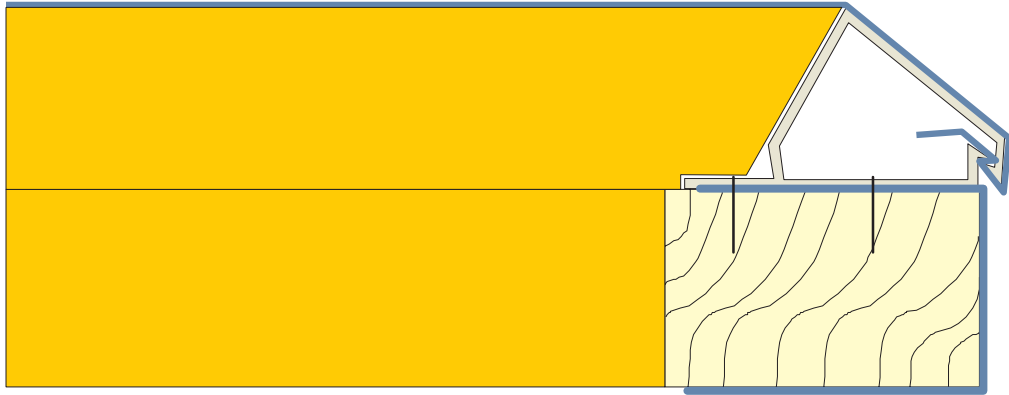
# Outside Corners (continued)

## Fabric Wrap: Square Corner



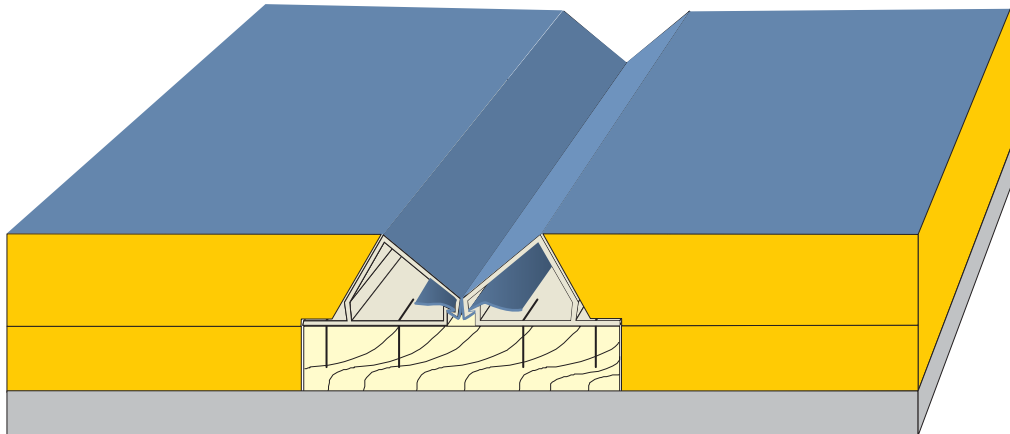
# Furred Depth

## Furred - Panel End



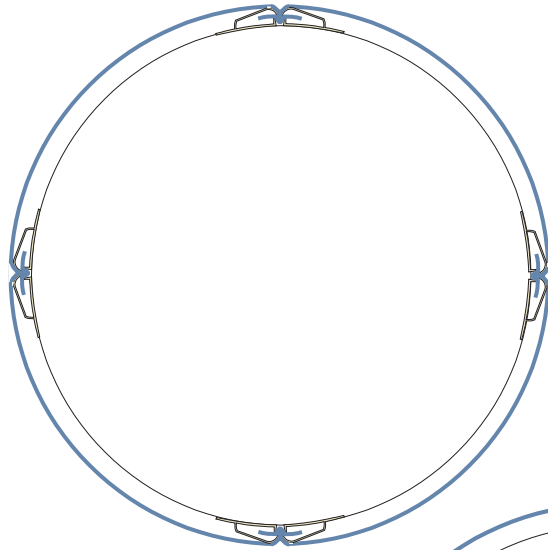
Virtually any depth can be achieved through common furring methods with all of the track profiles

## Furred Abutted Seam

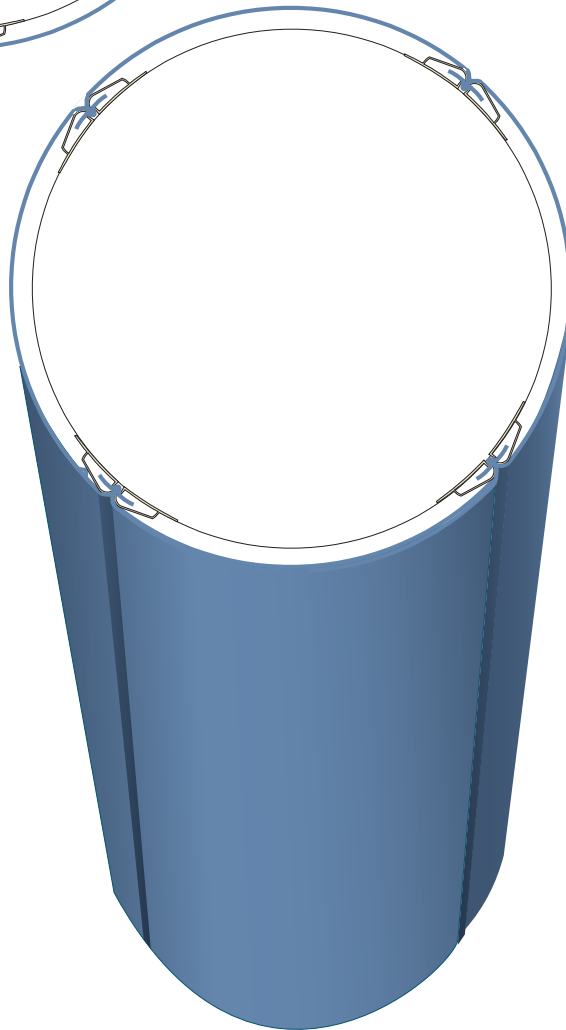




# Columns



Custom designs can be achieved by using different Snap-Tex profiles. Depending on the Snap-Tex profile and fabric used, a very subtle seam can also be achieved.



**Technical**

# Testing Background

Product Testing in accordance with ASTM (American Standard Testing Methods) is vital for the acceptance and specification of any product for commercial buildings. Building codes vary only slightly from city to city, but standards are based on ASTM technical data.

Of importance to note is that all tests are given for a complete system. Snap-Tex only manufactures the track for the Snap-Tex System, but test data must be published for the complete system consisting of the track, substrate, fabric and mounting surface. Logistically, it is impossible to test every combination available, so tests are performed using 'typical' combinations of materials. An attempt is made herewith to describe the basics of the three categories of tests for which Snap-Tex has been subjected:

**FIRE RETARDANCY:** The most important of all ASTM tests is that for flame spread and smoke development value. The ASTM-E84 is the test for flame spread and smoke development. This test determines how fast flames can be expected to spread and how much smoke will develop during the process. This test is called the 'Tunnel Test'. This describes a test wherein panel sections of our complete system are placed at the top of a 24 ft.

long tunnel. Flames, at a precise temperature level, are introduced at one end and measurements are taken at regular intervals of time for 15 minutes, determining the flame spread and amount of smoke developed. Class 'A' results are achieved when the Flame Spread value is 25 or less and Smoke Density value is 450 or less (in most areas).

Snap-Tex has been tested with midwall configurations and passed. Test copies are available upon request.

**ACOUSTICS:** A normally configured Snap-Tex System does not result in sound-proofing, i.e., the stopping of sound transmission from one room to the other. Competitive systems also do not accomplish this. Snap-Tex and all competitive systems aim for 'Sound Absorption'. This simply means the reduction of sound bouncing back from the treated surface. Though not required for commercial codes, acoustical tests measuring the NRC (Noise Reduction Coefficient) for a sound absorptive treatment are of extreme importance. Any attempt to project actual NRC values or target effects in a given application should only be done through acousticians. Standard NRC results are gained from the ASTM C423-84a. This designation not only specifies the test method

# Testing Background (continued)

but also the type of mounting of the test panels. There are many variations to this designation and a slightly different test method or mounting will result in greatly varying data. In comparing test data, be sure to note that the test designation is the same.

Theoretically, all wall panel systems should attain the same NRC value provided that the same acoustical substrate and fabric are used, and in the same thickness. Even the wall surface material will effect the actual NRC achieved, but this should be equal for all systems on any specific application. The only variable should be the substrate chosen as this is the main absorbing component. Since Snap-Tex is manufactured in many depths and can be furred out to any depth, there should be no NRC value unachievable by our installers.

Snap-Tex acoustical testing is done by Riverbank Acoustical Laboratories, one of only three testing facilities in the United States certified by The National Bureau of Standards.

Snap-Tex dealers can recommend absorptive, diffusive and reflective substrates. Call 800-762-7875 for information.

**TOXICITY:** The only currently accepted test procedure for this category is designated UPITT Test for Combustion Product Toxicity. Small portions of all the system components are measured out in proper proportion and burned. The gases emitted are introduced to laboratory rats and ingested until mortality. Gradual amounts are increased until values are determined that would prove fatal to humans.

Our test results were better than twice the value needed for acceptance in New York City, which is currently the only city requiring this test. Though not required in most cities, this should be of significant value to concerned specifiers. As restrictions tighten for future standards, it would appear that our system will be well within acceptable tolerances for many years to come.

# Fire Resistance Testing

Snap-Tex track itself is noncombustible.

All of the Snap-Tex profiles are made of flame retardant, rigid PVC, which will not support flame, and is self extinguishing.

To be truly Class A rated as a system, all components must be Class A individually. Snap-Tex as a system has been tested in accordance with ASTM E-84-91a tunnel test, in a variety of track profiles, thickness, substrates and fabric combinations. A Class A rating was achieved each time. Flame spread values as low as 0.0 have been attained for primary components, and as low as 6.3 for the combined system! Flame spread and smoke development of the entire system are directly related to the performance of the fabric selected, as flame and smoke are generally generated, on the most part, by the fabric and substrate. Typical test results are available upon request.

There are several testing configurations that can be presented for testing. The actual configuration of the components during testing has a great affect on the performance rating of the test.

Snap-Tex has Omega Point, a National Bureau of Standards certified test lab, performing its testing. The ASTM E-84-91a has been performed with various profiles, depths, substrates, fabrics and configurations, including midwall longitudinal joint configurations. This testing has always yielded

Class A results. Snap-Tex has also been subjected to the U.L. 10B, a far more rigorous test than the E84-91a...and the system passed! A specifier should note that no two installations are exactly alike and again fabric performance is critical.

As our world's environment continues to change, awareness of airborne and inherent health hazards continue to be of concern. Toxicity under catastrophic fire conditions has long been an issue. Snap-Tex meets the highest criteria for acceptance!

Environmental considerations are spearheading the development of new composite substrates such as rock wool, foams, and fiber-free polyesters. These are being tested for their performance both acoustically and in meeting Class A ratings. The Snap-Tex system has the flexibility to accommodate any new environmentally friendly substrates as they are developed.

# Fire Resistance Testing (continued)

## FLAME SPREAD and SMOKE DEVELOPMENT ASTM E84 TUNNEL TEST

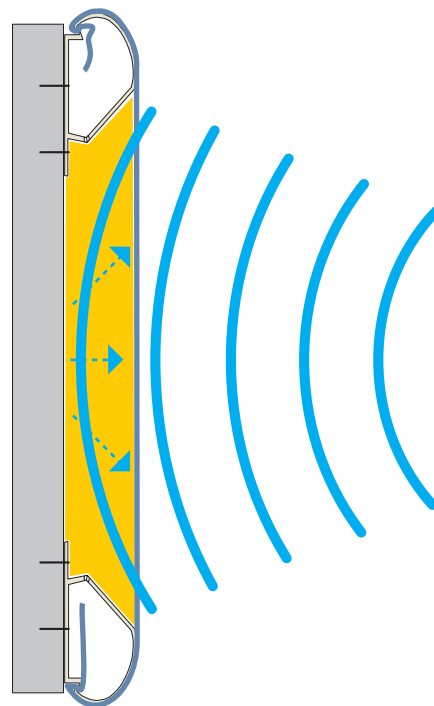
### ASTM E84-91a:

	FLAME Spread	SMOKE Developed
1" Beveled Snap-Tex System 6# Fiberglass Substrate Architex Pebble Beach Fabric ( 100% Polyester )	5	90
2" Square Snap-Tex System 6# Fiberglass Substrate Architex HOCH Fabric ( 100% Cotton Treated to ASTM E-84 )	25	70
1" Beveled Snap-Tex System 6# Fiberglass Substrate Knoll Nuage Fabric	5	40
1" Radius Snap-Tex System Polyester Substrate Carnegie Xorel Fabric	6	16.5
1" Square Snap-Tex System 6# Fiberglass Substrate Carnegie Xorel Fabric	14	3
1" Square Snap-Tex System 6# Fiberglass Substrate Guilford 701 Fabric ( 100% Polyester )	15	52
ASTM E84-95: (MIDWALL CONDITION) 1" Square Snap-Tex System 6# Fiberglass Substrate Guilford 701 Fabric ( 100% Polyester )	20	80
COMPONENTS ALONE:		
Polyester Substrate	0	20
6# Fiberglass Substrate	15	0
Mineral Fiber Board ( MICORE 300 )	25	50

# Acoustical Performance

Sound absorption is a result of the combination of fabric, substrate and wall surface. Sound travels through the panel being partially absorbed, hits the wall surface and, on its journey back, is again absorbed and dissipates as heat.

The human ear is said to only detect differences of .10 in NRC level. The common noise that is to be absorbed is in the frequency range of human hearing. Human voices are in the higher frequency levels of common sound and are absorbed much more efficiently than lower frequency sounds. For this reason, the 3/8" and 1/2" Snap-Tex profiles can be sufficient for many situations — and very economical. Where installations require a higher degree of absorption, our various 1" profiles can be used or furred out to even greater depths as needed. With Snap-Tex as well as all other similar systems, wall type, the acoustical substrate, and the fabric are the actual components in sound absorption and are therefore the only significant factors in determining the NRC of a particular installation. Snap-Tex has been tested with various fabrics and substrates to get representative tests results for comparison. As a rule of thumb in our testing the end result of a test will be the substrate manufacturers NRC rating for a given thickness and pounds per cubic foot density, plus .05 NRC for the fabric, and .05 for the mounting.



Sound travels through the panel, hits the wall surface and on its journey to and back, is absorbed in the acoustical substrate and dissipated as heat energy.

# Sound Absorption

## NRC VALUES

ASTM C428 w/'A' Mounting

RIVERBANK ACOUSTICAL TESTING LABORATORY (A National Bureau of Standards certified testing laboratory)

### ASTM C423-84a:

	NRC
3/8" Snap-Tex System	
Polyester Substrate	
100% Wool Fabric	.35

### ASTM C423-90a and E795-92:

1/2" Snap-Tex System	
6# Fiberglass Substrate	
Guilford 701 Fabric	
( 100% Polyester )	.50 - .55

1" Snap-Tex System	
6# Fiberglass Substrate	
Guilford 701 Fabric	
( 100% Polyester )	.80 - 85

1 1/8" Snap-Tex System	
1" 6# + 1/8" 18#-20#	
Fiberglass Substrate	
Guilford 701 Fabric	
( 100% Polyester )	.85 - .90

2" Snap-Tex System	
2" 6# Fiberglass Substrate	
Guilford 701 Fabric	
( 100% Polyester )	.90 - 1.05

### COMPONENTS TESTED ALONE:

3/8" Fiberglass Substrate	.35
1" 6# Fiberglass Substrate	.75
3/8" Perforated Mineral Fiber Board	
( MICORE 180 )	.25
1/2" Perforated Mineral Fiber Board	
( MICORE 180 )	.50





# Ceilings



# Ceilings

**SNAP-tex**  
Acoustical Fabric Mounting System

Sistema de montaje de tela acústica

Akustikstoff-Befestigungssystem

نظام تركيب القماش الصوتي

声学织物安装系统

# Strength and reliability make Snap-Tex the top choice for acoustic ceilings.

Snap-Tex has been an innovator in the ceiling industry for over 15 years. From custom panel treatments to large expanses of Snap-Span\* fabric, the Snap-Tex system delivers beauty and performance every time. The essence of the Snap-Tex system is its patented locking Snap-Tex jaw which sets the industry standard for strength and reliability. An integrated hinge allows Snap-Tex tracks to be opened wide, allowing increased access to the inside of the track for fastening to substrates. This hinge also lends itself to subsequent repairs or fabric replacement. Bring acoustic control and beauty to your next ceiling job without worrying about strength and reliability. Call 1-800-762-7875 to locate a Snap-Tex dealer near you.

\*Snap-Span fabric is recommended for installations requiring large expanses with minimal seams. Snap-Span fabrics are specially milled, wide knit polyester engineered for maximum ceiling performance.

**Snap-Span 1 fabrics are available in the following colors:**

- white
- natural
- taupe
- black
- charcoal
- charcoal bronze
- medium gray

**Snap-Span 2 fabrics are stocked up to 120" wide. 192" wide Snap-Span fabrics are available as custom order. Snap-Span fabrics are available in a broad range of colors.**

**Call 1-800-762-7875 to request fabric swatches.**



Missouri State Senate Chambers: Jefferson City, Missouri

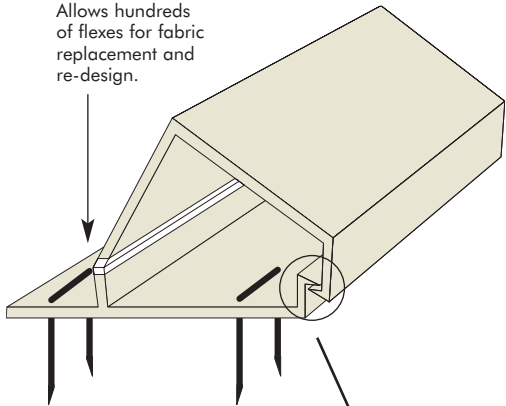


Grand Hyatt Hotel: Seattle, Washington



**Flexible hinge**

Allows hundreds of flexes for fabric replacement and re-design.



**Inter-locking jaw**

The greater the tension, the tighter it holds.

## Features & Benefits

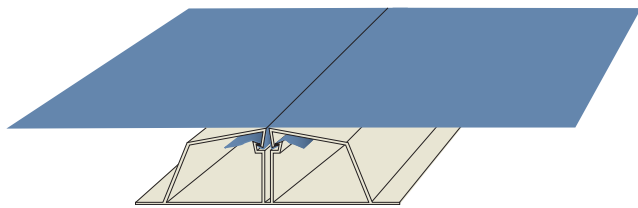
- Inter-locking, biased tensioned jaws.
- Optional two faced tape for aligning patterned and woven fabrics while fabric is being stretched.
- Simple, one-piece design.
- Patented flexible hinge for unlimited flexing of the locking mechanism.
- Track can be wall or ceiling mounted, and is secured to the substrate both on the back edge and inside of the track on the front edge.
- More in stock profiles than any competitive system. Custom profiles, trims, and reveals are available upon request.
- Truly flush mounted—No track is ever exposed.
- Track comes in standard 9' lengths, as well as custom lengths.
- Track can easily be re-opened: For cleaning and replacement of fabric by installer.
- Fabric is stretched over the substrate, not glued to it.
- Almost any fabric can be specified.
- Allows for a high tension application.
- INHERENTLY IMPACT RESISTANT.
- Easy cleaning of fabric.
- Components are damage resistant.
- Patented system is sold to trained dealer/installers both nationally and internationally.
- System is assembled on site.
- Snap-Span fabrics can be digitally imprinted in full color or projected upon.

# Snap-TEX:

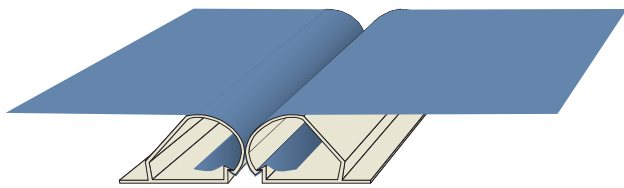
## A powerful and functional design medium.

Snap-TEX is a comprehensive mounting system that includes readily available profiles to suit virtually any ceiling job. A wide range of profile designs are available in various thicknesses to work with any substrate. System can be furred out to any depth.

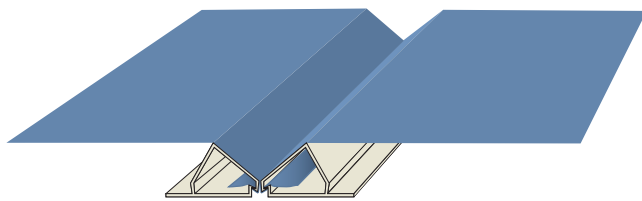
Three edge details in a variety of depths and edge variations are currently stocked. New profiles are constantly being introduced.



Edge detail utilizing 'Square' edge profiles



Edge detail utilizing 'Radius' edge profiles



Edge detail utilizing 'Beveled' edge profiles

## Fire Resistance Testing

### FLAME SPREAD and SMOKE DEVELOPMENT ASTM E84 TUNNEL TEST

#### ASTM E84-91a:

	FLAME Spread	SMOKE Developed
1" Beveled Snap-TEX System 6# Fiberglass Substrate Architex Pebble Beach Fabric ( 100% Polyester )	5	90

1" Beveled Snap-TEX System 6# Fiberglass Substrate Knoll Nuage Fabric	5	40
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1" Square Snap-TEX System 6# Fiberglass Substrate Carnegie Xorel Fabric	14	3
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1" Square Snap-TEX System 6# Fiberglass Substrate Guilford 701 Fabric ( 100% Polyester )	15	52
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ASTM E84-95: (MIDWALL CONDITION) 1" Square Snap-TEX System 6# Fiberglass Substrate Guilford 701 Fabric ( 100% Polyester )	20	80
--	----	----

COMPONENTS ALONE: 6# Fiberglass Substrate	15	0
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## Sound Absorption

#### ASTM C423-90a and E795-92:

1/2" Snap-TEX System 6# Fiberglass Substrate Guilford 701 Fabric ( 100% Polyester )	NRC	.50 - .55
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1" Snap-TEX System 6# Fiberglass Substrate Guilford 701 Fabric ( 100% Polyester )	NRC	.80 - 85
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#### COMPONENTS TESTED ALONE:

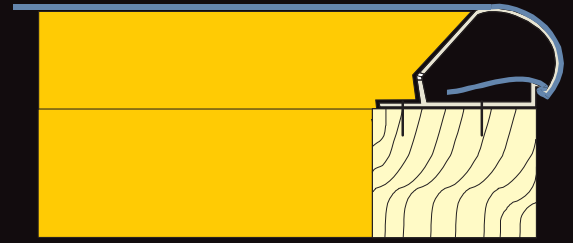
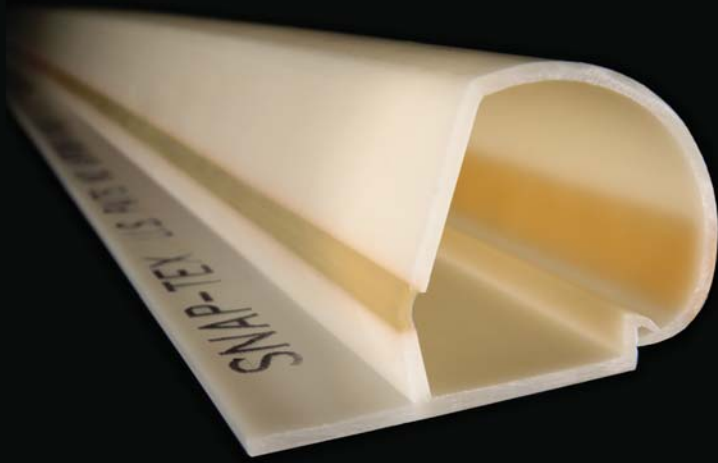
1" 6# Fiberglass Substrate	NRC	.75
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## Ceiling Test Data

- Light reflectance: 0 – .80
- Maintenance – can be removed and/or cleaned on-site using typical upholstery cleaning techniques
- NRC from .5 to 1.0
- Diffusive pattern is dependent upon diffusive substrate and it's shape
- Panel ASTM E84 Class A
- Snap-Span fabrics are inherently flame retardant and pass NFPA small scale (a more stringent test than ASTM E84)

Certified Snap-TEX dealer >

# Portfolio



**SNAP-tex**  
Acoustical Stretched Fabric Mounting System

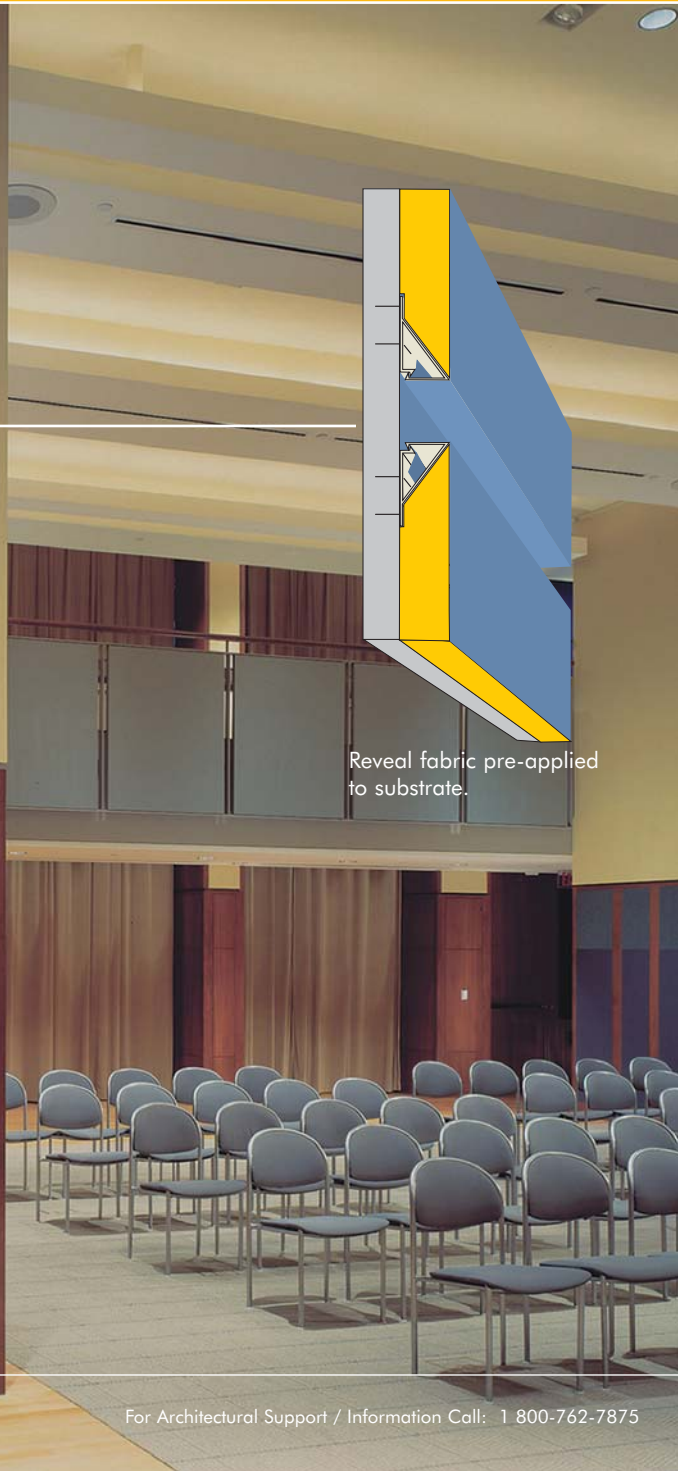
**Department of Public Utilities: Ballard, Washington**





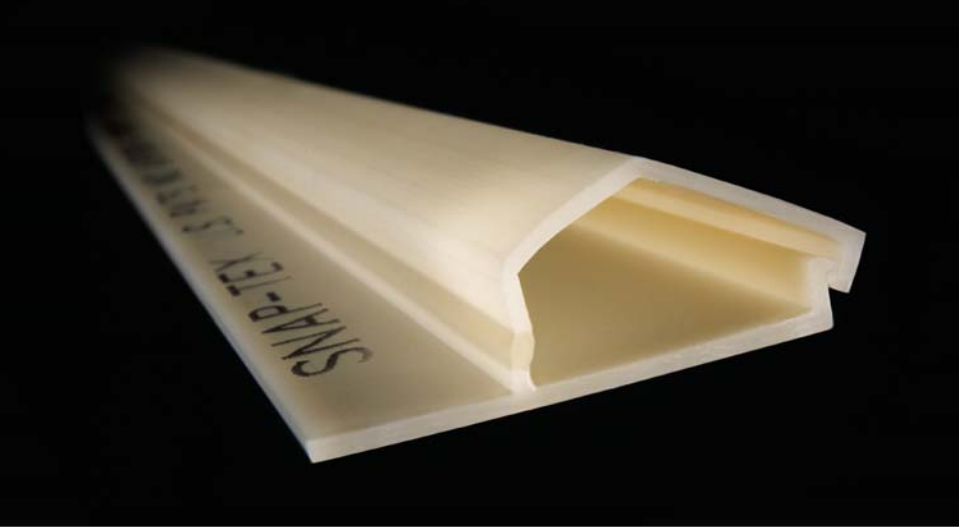
**SNAP-*tex***  
Acoustical Stretched Fabric Mounting System

**Chemical Heritage Foundation: Philadelphia, Pennsylvania**



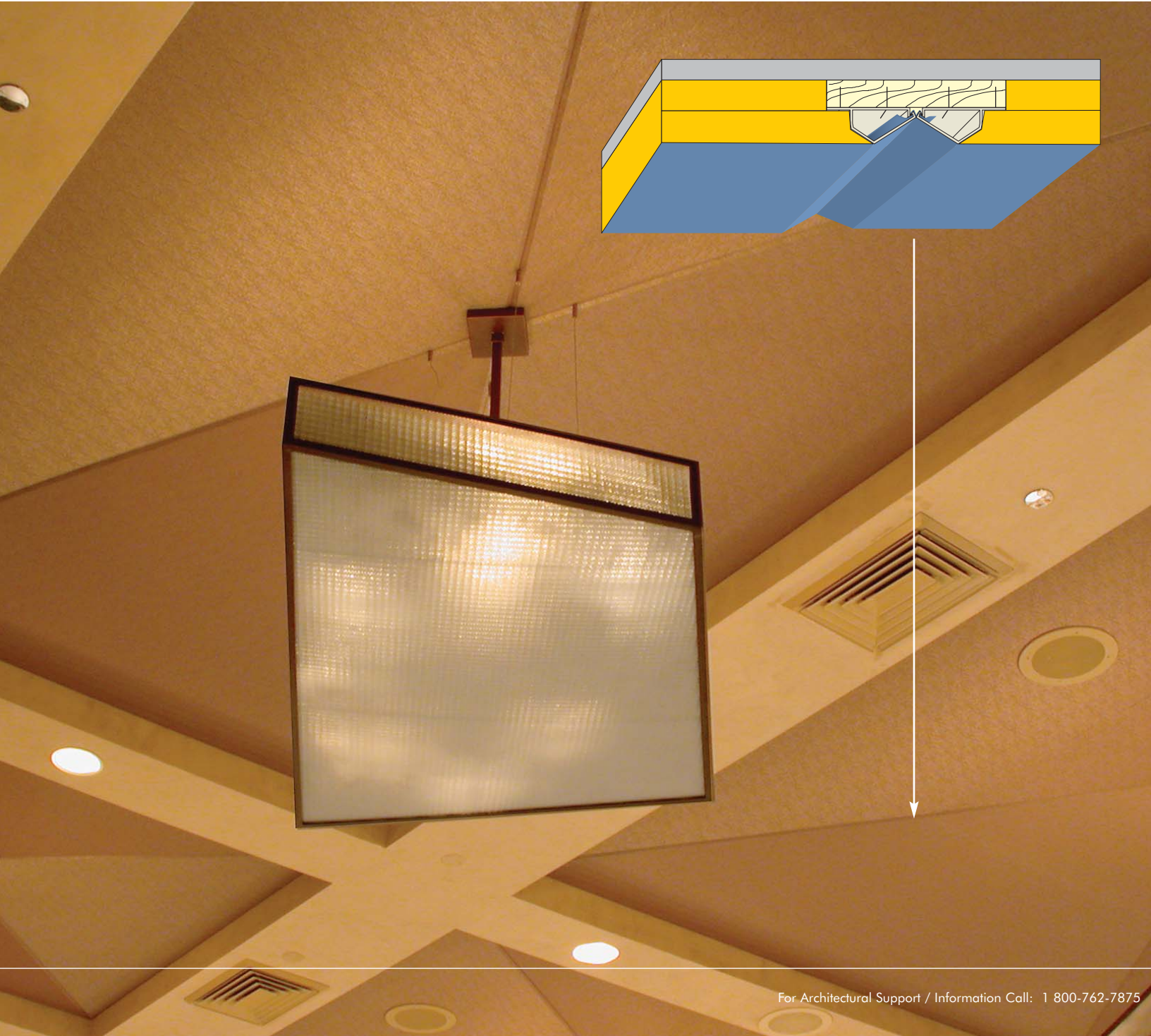
Reveal fabric pre-applied to substrate.





**SNAP-tex**  
Acoustical Stretched Fabric Mounting System

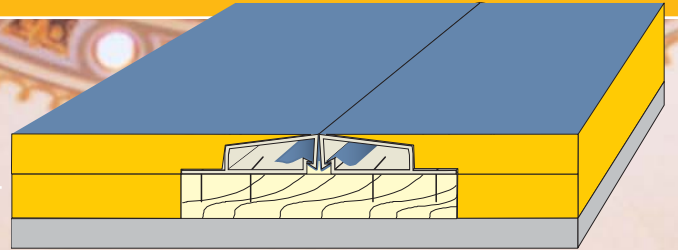
**Grand Hyatt Hotel: Seattle, Washington**





**SNAP-*tex***  
Acoustical Stretched Fabric Mounting System

**Missouri State Senate Chambers: Jefferson City, Missouri**





1" Square Top Load used on ceiling.

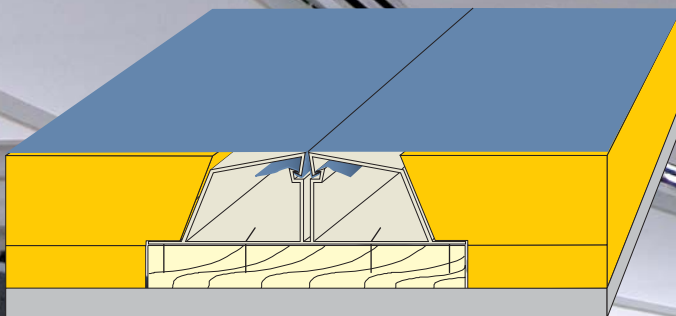
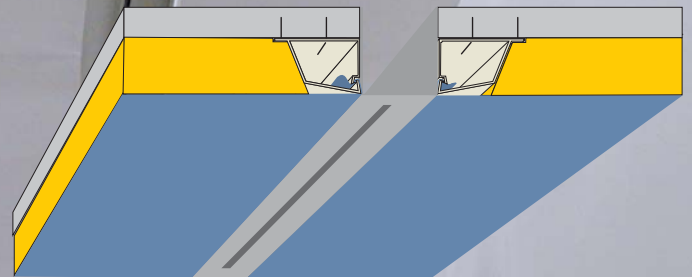
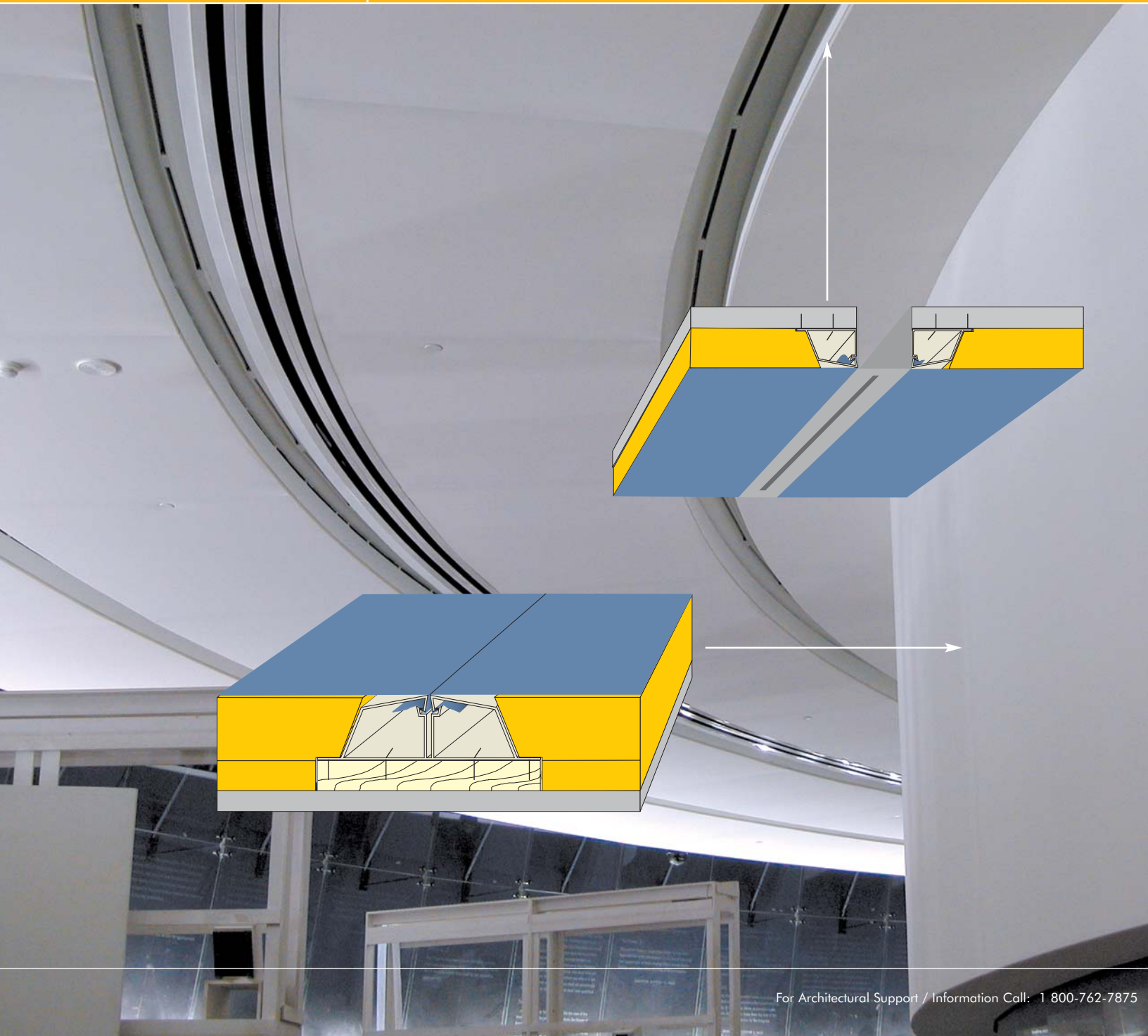


1" Midwall used on walls for butt seams.



**SNAP-tex**  
Acoustical Stretched Fabric Mounting System

**National Constitution Center: Philadelphia, Pennsylvania**





# SNAP-tex

Acoustical Fabric Mounting System



Sistema de montaje de tela acústica

Akustikstoff-Befestigungssystem

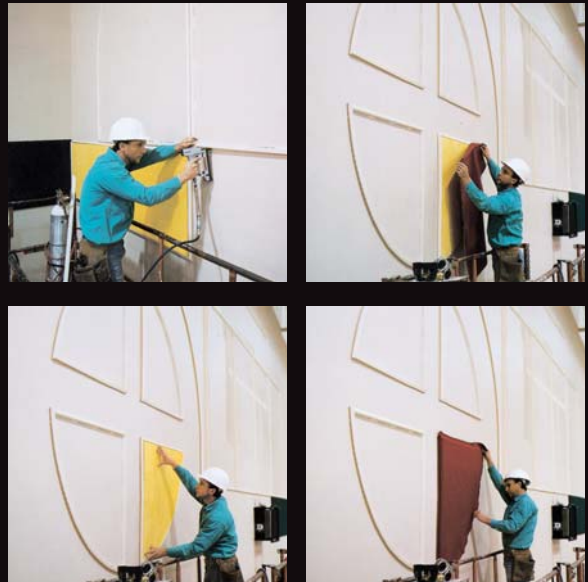
نظام تركيب القماش الصوتي

声学织物安装系统

Snap-Tex is the industry-leading acoustical stretched fabric mounting system for walls, ceilings and other interior surfaces.



National Constitution Center: Philadelphia, Pennsylvania



Missouri State Senate Chambers: Jefferson City, Missouri



Engineered for superior function and design flexibility, Snap-Text brings acoustic control to interior architecture without sacrificing aesthetics. In fact, the SnapText system is often specified as a design medium first, with the added benefit of acoustic control. A wide range of Snap-Text profiles are available to address almost any design need.

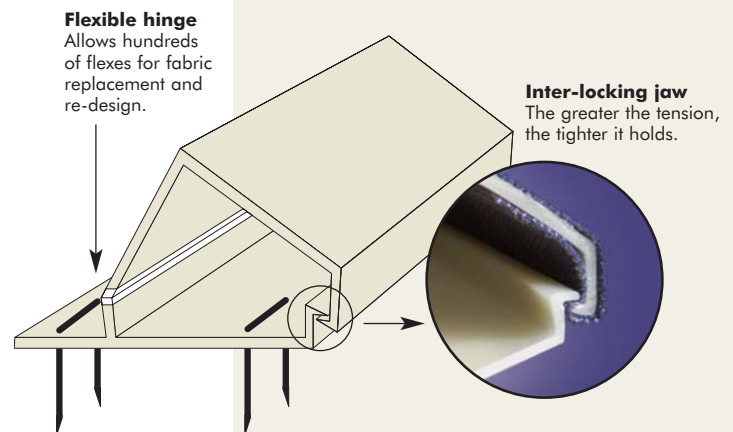
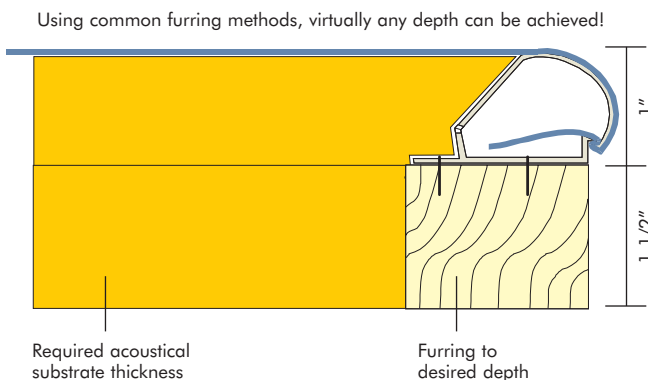
The essence of the Snap-Text system is its patented locking Snap-Text jaw which sets the industry standard for strength and reliability. An integrated hinge allows Snap-Text tracks to be opened wide, allowing increased access to the inside of the track for fastening to substrates. This hinge also lends itself to subsequent repairs or fabric replacement.

Fabric adds warmth and beauty to any environment, and when used with the Snap-Text system, can still be practical and efficient! Hidden under the aesthetic panel can be multiple acoustical substrates that fulfill a three-fold purpose:

- Efficient sound absorption, diffusion or reflection
- Tackability
- Highly aesthetic and unique

Bring acoustic control and beauty to your next interior architecture job.

Call **1-800-762-7875** to locate a Snap-Text dealer near you.



## Features & Benefits

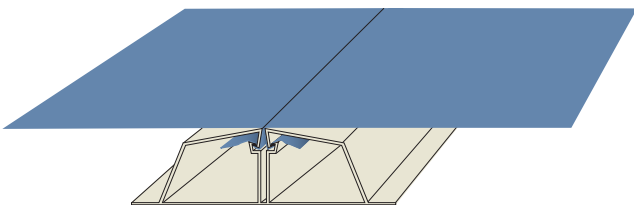
- Inter-locking, biased tensioned jaws.
- Optional two faced tape for aligning patterned and woven fabrics while fabric is being stretched.
- Simple, one-piece design.
- Patented flexible hinge for unlimited flexing of the locking mechanism.
- Track can be wall or ceiling mounted, and is secured to the substrate both on the back edge and inside of the track on the front edge.
- More in stock profiles than any competitive system. Custom profiles, trims, and reveals are available upon request.
- Truly flush mounted—No track is ever exposed.
- Track comes in standard 9' lengths, as well as custom lengths.
- Track can easily be re-opened: For cleaning and replacement of fabric by installer.
- Fabric is stretched over the substrate, not glued to it.
- Almost any fabric can be specified.
- Allows for a high tension application.
- INHERENTLY IMPACT RESISTANT.
- Easy cleaning of fabric.
- Components are damage resistant.
- Patented system is sold to trained dealer/installers both nationally and internationally.
- System is assembled on site.

# Snap-Tex:

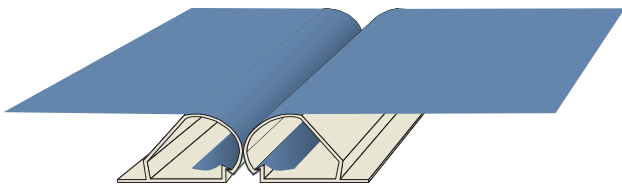
## A powerful and functional design medium.

Snap-Tex is a comprehensive mounting system that includes readily available profiles to suit virtually any ceiling job. A wide range of profile designs are available in various thicknesses to work with any substrate. System can be furred out to any depth.

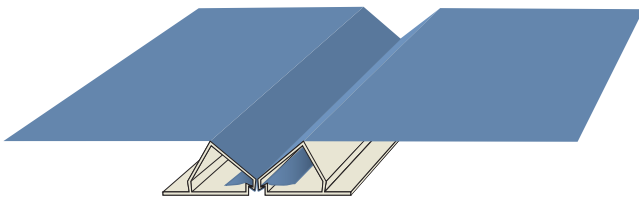
Three edge details in a variety of depths and edge variations are currently stocked. New profiles are constantly being introduced.



Edge detail utilizing 'Square' edge profiles



Edge detail utilizing 'Radius' edge profiles



Edge detail utilizing 'Beveled' edge profiles

### Fire Resistance Testing

#### FLAME SPREAD and SMOKE DEVELOPMENT ASTM E84 TUNNEL TEST

##### ASTM E84-91a:

	FLAME Spread	SMOKE Developed
1" Beveled Snap-Tex System 6# Fiberglass Substrate Architex Pebble Beach Fabric ( 100% Polyester )	5	90

1" Beveled Snap-Tex System 6# Fiberglass Substrate Knoll Nuage Fabric	5	40
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1" Square Snap-Tex System 6# Fiberglass Substrate Carnegie Xorel Fabric	14	3
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1" Square Snap-Tex System 6# Fiberglass Substrate Guilford 701 Fabric ( 100% Polyester )	15	52
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##### ASTM E84-95:

##### (MIDWALL CONDITION)

1" Square Snap-Tex System 6# Fiberglass Substrate Guilford 701 Fabric ( 100% Polyester )	20	80
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##### COMPONENTS ALONE:

6# Fiberglass Substrate	15	0
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### Sound Absorption

#### ASTM C423-90a and E795-92:

1/2" Snap-Tex System 6# Fiberglass Substrate Guilford 701 Fabric ( 100% Polyester )	NRC
	.50 - .55

1" Snap-Tex System 6# Fiberglass Substrate Guilford 701 Fabric ( 100% Polyester )	.80 - .85
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#### COMPONENTS TESTED ALONE:

1" 6# Fiberglass Substrate	.75
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Certified Snap-Tex dealer >

