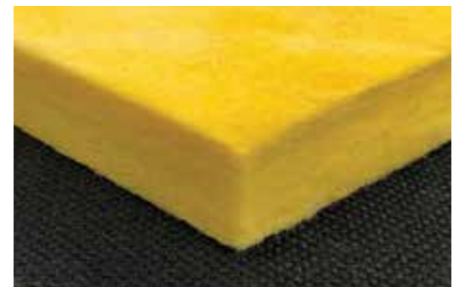
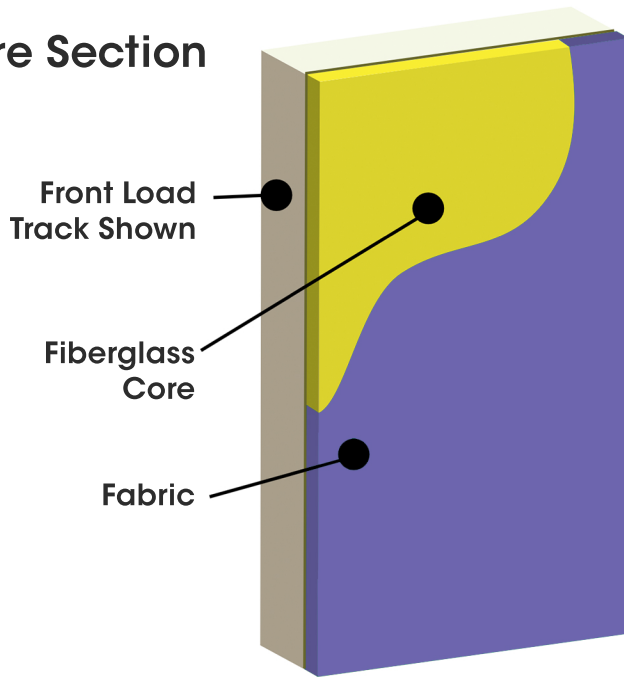


Custom Fabric Systems (CFS) is the most economical, sound-absorbing core products by Auralex®. CFS' core creates a comfortable environment by reducing noise reverberation. Custom Fabric Systems is our most popular stretch fabric system core. Not only is it durable enough for a gymnasium, it is used in many other unlimited spaces.

Custom Fabric Systems absorbs a wide range of sound frequencies. Absorption levels are based on the core thickness. Review the acoustical performance for each core thickness listed below to make your selection.

Core Section



Core
6-7 pcf recycled fiberglass,
1/2"- 4" thick

Sizes
4'x8', 4'x10', 4'x12' and
5'x10'

Flammability
All components have a
Class "A" rating per ASTM
E84

Sound Absorption

Hz	125	250	500	1000	2000	4000	N.R.C.
FWAP .5	.04	.11	.40	.65	.87	.99	.50
FWAP 1	.14	.35	.82	.99	1.04	1.01	.80
FWAP 2	.40	.78	1.17	1.09	1.11	1.10	1.05

Note: NRC test results based on our standard acoustically transparent fabric. Results may vary with other fabrics.



I. INSTALLATION TOOLS

- A. Utility Knife
- B. Scissors
- C. Sand Paper and/or File
- D. Fabric Tucking Tools (available by Auralex)
 - 1. Rocker Tool
 - 2. Flat Blade with round edge
 - 3. Bent Blade with round edge
 - 4. Roller Blade (Pizza Cutter)
 - 5. 1-1/2" Putty Knife (not supplied by Auralex)
- E. Track Cutting
 - 1. 8" or 10" Miter Saw
 - a) Saw Blade should be "Ultra Thin" for cutting plastic, with 200 teeth per blade. We recommend the Magna 10" plastic blade (200 teeth). Use plywall tip saw blade.
 - 2. One-Handed Plastic Pipe and Hose Cutter, General Tools Model 119. | www.generaltools.com
- F. Track Attachment
 - 1. For attaching to drywall we recommend an 18 Ga. 3/8" Crown Stapler, such as the Senco SLS25XP.
 - a) Staples: Senco, M13BRB, 3/8" crown, 1" length, 18 Ga.
 - 2. If a stapler is not available the track can be screwed through the drywall into blocking, using pan head sheet metal screws every 1"-2" max.
 - 3. For attaching track to surfaces other than drywall your tool requirements will vary. If you have any questions, please call Auralex Acoustics: (800) 959-3343



II. LAYOUT

- A. Layout perimeter of wall by striking/snapping lines. (Layout perimeter first).
- B. Layout mid-wall (vertical joints) in the same manner.

III. PRE-WRAP

- A. Pre-wrapping track, if necessary, must be done before attaching the track to the wall.
- B. Cut miters for track intersections and corners per section IV. A.
 - 1. Spray 3m77 adhesive on side and bottom of track – do not spray face of track (fig. 3.1).
 - 2. Adhere fabric to track, roll around edge (fig. 3.2) and tuck fabric into track (fig.3.3).

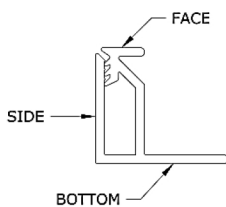


Fig. 3.1

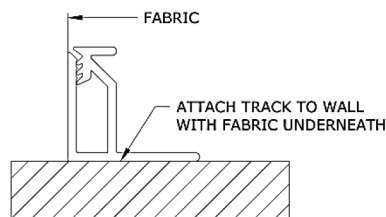


Fig. 3.2

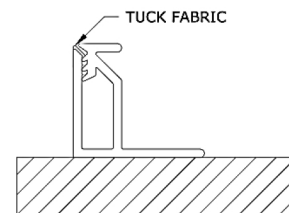


Fig. 3.3



IV. TRACK INSTALLATION

NOTE: Off-all must be used.

- A. Cut miters for track intersections and corners. Start at an outside corner of the Perimeter Track and work your way around (fig. 4.1). Due to tolerances in the track extruding process, shimming or sanding may be necessary for proper alignment.
- B. Install Perimeter Track. Securely fasten track to walls using staples and /or screws. Staples should be every 1/4" - 1/2" and should be shot into drywall at different angles to help hold the track securely in place. Place a screw into stud locations. (fig. 4.3)
- C. Miter and install Mid-wall Track, starting at the top and working down. Staples should be every 1/4" - 1/2" and alternate sides. Place staples at varying angles to help hold the track securely in place. (fig. 4.2 & 4.4)

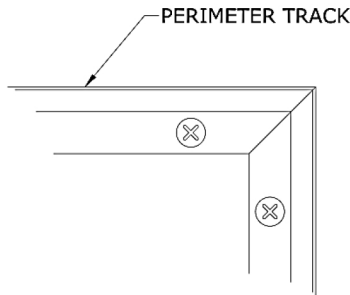


Fig. 4.1

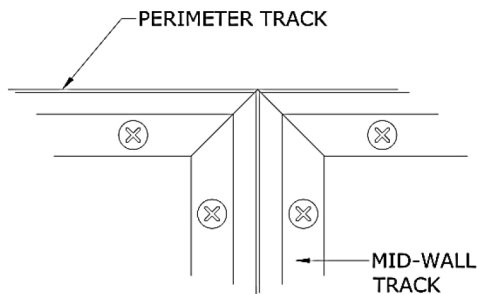
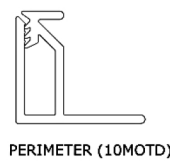
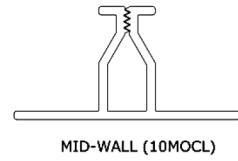


Fig. 4.2



PERIMETER (10MOTD)



MID-WALL (10MOCL)

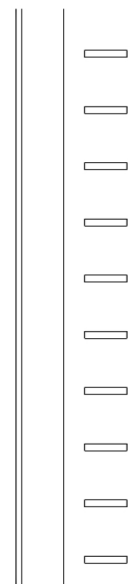


Fig. 4.3

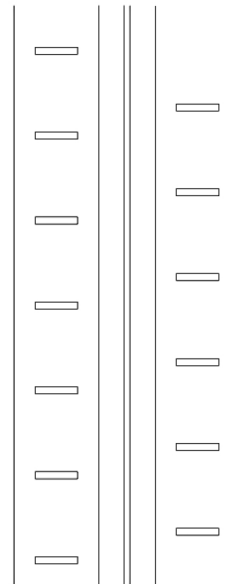


Fig. 4.4



V. CORE

NOTE: Off-all must be used.

A. Fiberglass Core

1. Cut fiberglass 3/16" oversize to ensure there are no gaps between the core and track.
2. Back cut / miter edges of fiberglass at 45° using a utility knife (fig. 5.1)
3. Glue fiberglass core to the wall with a thin layer of adhesive.

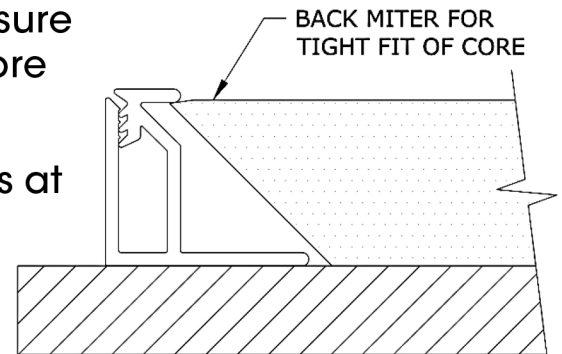


Fig. 5.1t

B. Mineral Fiber Board Core

1. Cut fiber board to fit. Cut edges square, there is no need to back miter. Staple core to the wall with track stapler.



VI. STRETCHING FABRIC

- A. Cut pieces of fabric 6" to 8" wider and longer than the area to be covered.
- B. Start at the top of the section to be covered, at the center of the track, and tuck fabric in both directions, alternating sides, out to the corners.
 1. There should be 2" – 3" of extra fabric hanging out of the track – leave this to be trimmed later as it may be necessary for corrections later.
 2. Be sure to keep the fabric weave and pattern straight and consistent as you tuck.
- C. Tuck bottom of fabric into the center of the bottom track and tuck in the same alternating sequence as the top. Leave excess fabric untrimmed and loose.
- D. Tuck the sides of the fabric in the same manner as the top and bottom (B&C), always starting the process in the middle of the track section.
 1. Use care at the corners not to rip the fabric.
- E. When all sides and corners are tucked, double check the fabric weave to ensure it is straight and consistent in both directions.
Make sure all corners look good.
- F. Use scissors to trim the excess fabric, leaving approximately 1/4" from the edge of the track.
- G. Tuck final 1/4" of fabric into the track using the same method as above (B-D). Use care at the corners.
- H. Trim any remaining loose threads.



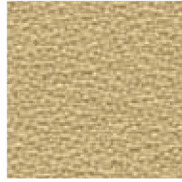
Guilford of Maine Anchorage Fabric Color Chart



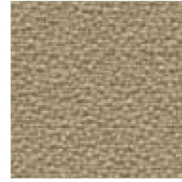
White*
2664



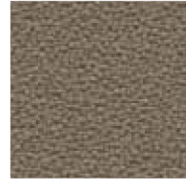
Birch
2129



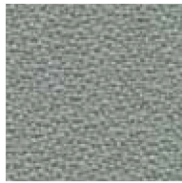
Vanilla
2130



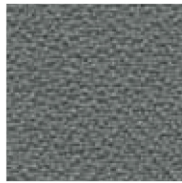
Angora
2035



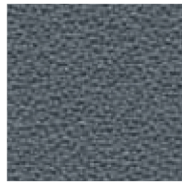
Goose
2049



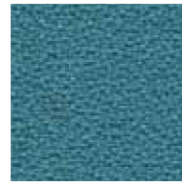
Slate
2017



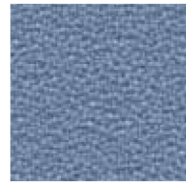
Wolf
2027



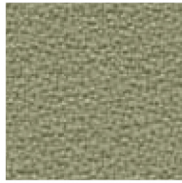
Quarry Blue
2026



Waterfall
2691



Pool
2842



Eucalyptus
2047



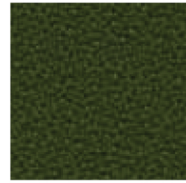
Cumin
2050



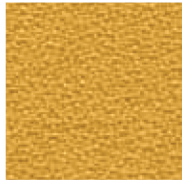
Green Apple
2087



Willow
2028



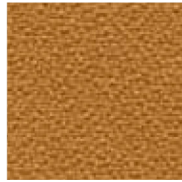
Fern
2840



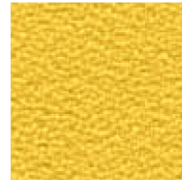
Sunshine
2082



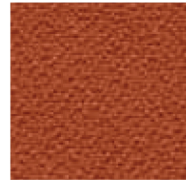
Straw
2034



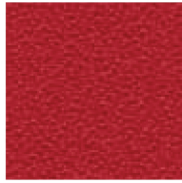
Goldenrod
2090



Lemon
2839



Pumpkin
2021



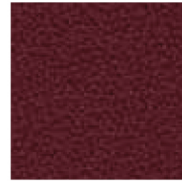
Geranium
2084



Poppy
2091



Red Delicious
2014



Mulberry
2044



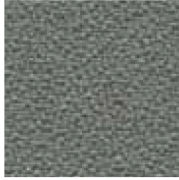
Aubergine
2036

While we make every effort to make sure the colors you see here are accurate, colors may vary depending on your screen resolution and settings. Samples may be requested. *Not intended for upholstery

While we make every effort to make sure the colors you see here are accurate, colors may vary depending on your screen resolution and settings. Samples may be requested through the website.



Guilford of Maine Anchorage Fabric Color Chart



Asteroid
2053



Fossil
2093



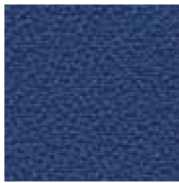
Graphite
2079



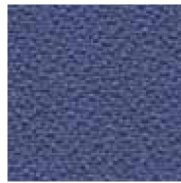
Coffee Bean
2083



Onyx
2016



Lapis
2094



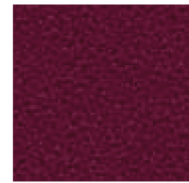
Thistle
2085



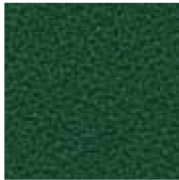
Cobalt
2045



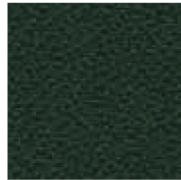
Midnight
2025



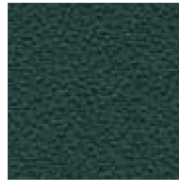
Orchid
2843



Turquoise
2841



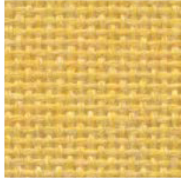
Pine Needle
2022



Deep Water
2051



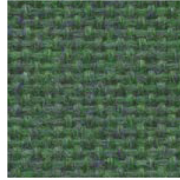
FR701® 2100 | Guilford of Maine Anchorage Fabric Color



Yellow
744



Chartreuse
734



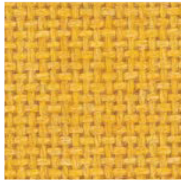
Fir
743



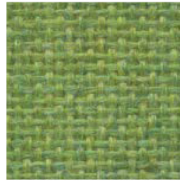
Leaf
755



Dune
749



Sunshine
797



Lime
721



Teal
742



Green Neutral
402



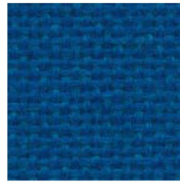
Stream
757



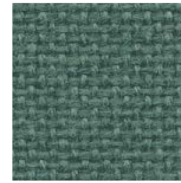
Orange
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Sky
740



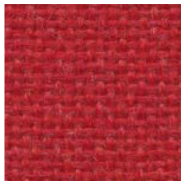
Sapphire
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Blue Spruce
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Verte Papier
561



Cardinal
738



Cobalt
420



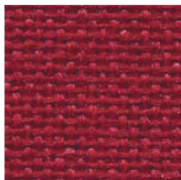
Baltic
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Wedgewood
150



Bayberry
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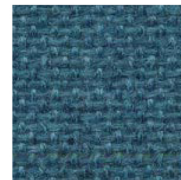
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Iris
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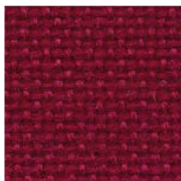
Blue Plum
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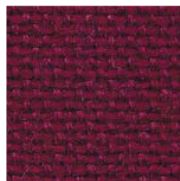
Ultramarine
470



Aquamarine
381



Claret Accent
418



Deep Burgundy
556



Black
408



Chocolate
793



Medium Grey
298



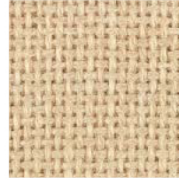
FR701® 2100 | Guilford of Maine Anchorage Fabric Color



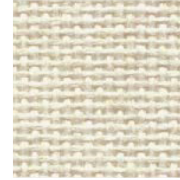
Wheat
130



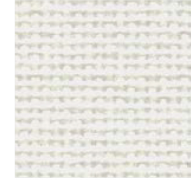
Bone
748



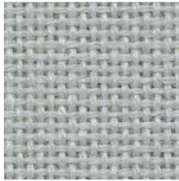
Buff
460



Eggshell
144



White
224



Eucalyptus
468



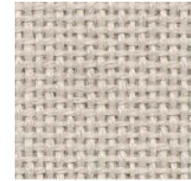
Desert Sand
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Apricot Neutral
404



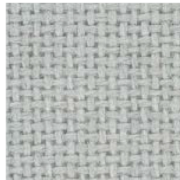
Quartz
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Pearl
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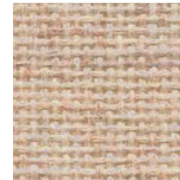
Blue Papier
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Coin
794



Cherry Neutral
400



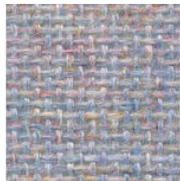
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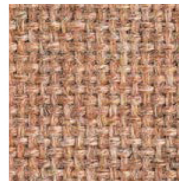
Opal
394



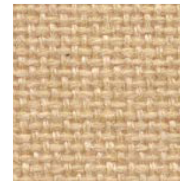
Crystal Blue
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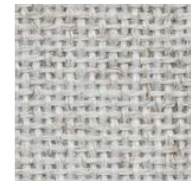
Blue Neutral
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Cinnabar
422



Straw
747



Silver Papier
538



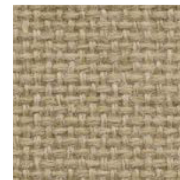
Steel Grey
471



Grey Mix
238



Pumice
423



Light Moss
754



Cement Mix
750



Flannel
795



Amethyst
424



Moleskin
796



Earth
792



Silver Neutral
406

