"STS" – Thermal and Sound Barrier
Acousticore
We help you manage the properties of sound and heat
*24 Hour Lab Turn-Around*

ACOUSTICS ← For Both → INSULATION

Interior / Exterior

Perforations (Invisible)

Honeycomb – ¼” to 5” thick

Fibers & Fiber Matts (3D-shapes)

Low Density Matts – Stable - Flat

Moldable

Western Red Cedar (any size/shape)

Rubber Sheets (Recycled/Ground Tires)

Honeycomb (Paper, Plastic, Aluminum)

Powders (Reinforce, Stiffen, Bond)

Thermal Barrier

Hot or Cold - Wet or Dry

Basalt / Matt or Fibers (Hydrophobic)

Jute, Kanauf, Wood / 3-D Fiber Matts

Cotton with Aluminum Foil

Newspaper (Recycled)

2 – 17# Density / cu ft

3.7 R Factor Per Inch .8 NRC@ 1”

Foils / Films (Adhesive Backed)

Reflective & Air Flow Resistant

Extrusions (Any shape/Plastic – aluminum)

Resistant to Mold/Fungi

Extreme Water Resistance

Breathable

Flat or 3D Prototypes Available

Models Made

Light Weight

Practical Results

CLASS “A” FIRE RETARDANT AVAILABLE

Add a Skin of Perforated Wood Veneer or Fabric

*SPECIAL ADHESIVES FOR BONDING TO ANYTHING*

Lenderink Technologies
1267 House St. NE, Belmont, MI 49006
(616) 887-6257 Fax (616) 887-7910 www.lenderink.com
Insulation
Thermal Barriers
3D Shapes, Models, Prototypes
*A PRACTICAL APPROACH*

Basalt Matt or Fiber

Fiber Matts – Molds to 3D Shapes
Jute, Kenaf, Wood, Coconut

Newspaper (Recycled) 2 to 17#/cu ft
3.7 R Factor per Inch
.8 NRC@ 1”

Western Red Cedar
Tiles, Panels, Blocks, Veneers, Shapes

Honeycomb
¼” to 5” thick/Paper, plastic, Aluminum

Polyester Fiber Matt
No Off Gas / Printable
1”, 2”, 3”, 4” Thickness
Won’t Mold or Mildew
Does Not Absorb Water
Recyclable

Energy Saver Select
Multilayer – Foils and Cottons
Polyester-Deco Outer Layers Available
.200” (full fluff)
Spot Sonic Welded – 6 Layer

Pure Quiet Ultra-soft USA Cotton  ES - 201
.100” Thick (at full loft)
Washable/Dry Cleanable
Needle Punched with thin Polypropylene Scrim
(for flatness and stability)

Polyester Fleece  ES - 301
.125” Thick (at full loft)
Sewable or Heat Activated
Adhesive 2 sides = Fusible
Stackable for Thicker Lay Up

Insulated Lining  ES - 402
Polyester Face and Back (Resists Conduction)
Inner Reflective Foil
Reflects / Radiant Energy – Needle Punched
.100” (at full loft)
Sew-able

Reflective Foil & Polyester Loft  ES - 403
.125” Maximum Thickness
.005” Foil Outer Layer (1-side)
.120” Polyester “Loft”
Waterproof
Sew-able
Spot Sonic Welded

Available Services and Products:
ADHESIVES  SAMPLES  SIZING
PROTOTYPE SHAPES  MODELS  3D FOLD or MOLD

CLASS “A” FIRE RETARDANT AVAILABLE

All of the above can be added to Backers, Overlays, 3D Fold or Mold, Deco Layers, Wood Veneers, and Adhesives. Powder Adhesives can be applied to add rigidity (for shapes).  12 / 2016