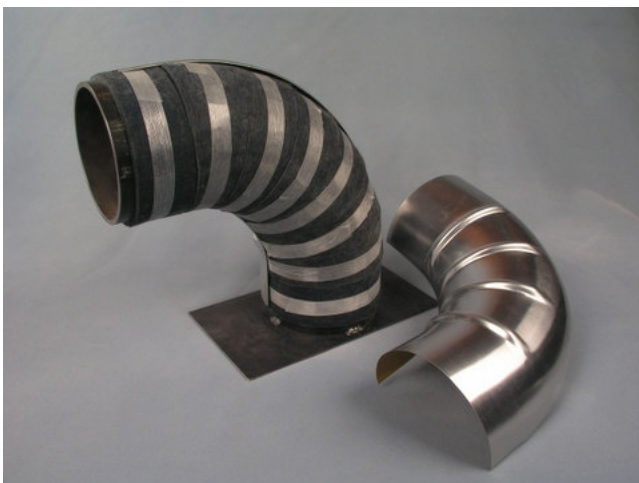




Precision Cut CNC aspen|aerogels Fitting Covers



- **Precision Cut**

Sproule's Precision CNC AA Fitting Covers are a highly accurate, easy to install, and a cost effective means to cover pipe fittings on an Aspen Aerogel insulation system.

- **Eliminate Straight Thru Seams**

Options such as staggered segments, offset fingers joints, and straight tangents give customers the ability to prevent any straight thru seams in **multiple layer** configurations.

- **Available Materials**

Sproule Precision Cut CNC, Aspen Aerogel Fitting Covers are available in cryogenic as well as high temperature grades.

- **Available Sizes**

Available Pipe Sizes: 1/2" ~ 48" NPS pipes

Centerlines and Tracing: Our innovative CNC programming can allow for any centerline radius. From Short Radius to 5D Sweeps, we can accommodate any special needs you may have.

Multiple Layers can be combined to provide a system with thicknesses that exceed the standard single layer 6mm and 10 mm material.

- **Easy to Read Labeling**

All precision cut CNC fitting covers are labeled with their respective pipe size, thickness, and layer number. These pieces are then placed in a poly bag and boxed. The carton itself is then labeled with the quantity, pipe size, thickness, and layer number.

- **Made in the U.S.A.**

All Sproule Mfg Co., Inc. products are molded, pressed, or cut in our Devault, Pennsylvania or Houston, Texas facilities.

- **www.sproule-mfg.com**

Please visit our website to download product catalog and technical data.

Precision CNC **aspen** aerogels **Fitting Covers**

Installation Instructions

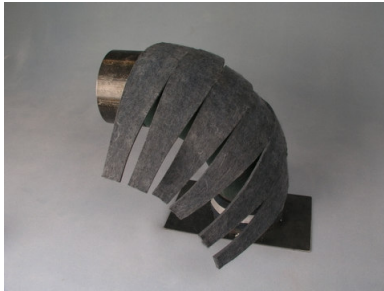


Figure #1

Step 1. Place spine of fitting along the back side (heel) of the pipe fitting. Align edge of fitting along butt weld seam of pipe fitting. (Figure #1)

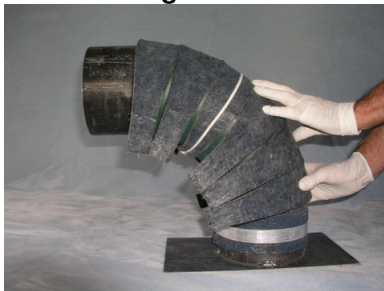


Figure #2

Step 2. Apply hook of bungee cord into one of the middle gore fingers. Stretch bungee cord to opposite side finger and insert hook into material (Figure #2)



Figure #3

Step 3. Use an outward clinching staple gun to secure gore finger butt joints. (Figure #3) Be sure that butt joint is completely closed before applying staple. Once staples are applied, remove bungee cord.

Step 4. Repeat steps 2 & 3 while working from the center of the fitting towards the butt ends. (Figure #4)



Figure #4

Step 5. Once all fingers joints have been stapled, push material from both ends of fitting cover to ensure all gore seams are tightly closed. Please note: On larger fittings, you might find it necessary to apply staples on the gore seams at 4 and 8 o'clock positions to keep the seams closed. (Figure #5)

Multiple Layer Fittings: For multiple layer fittings, repeat steps 1 through 5 for each layer. Multiple layer fittings will be specially cut to eliminate any straight thru seams. See Below:

First layer: The inner most layer will have a 1/2 gore segment with a tangent extension on each end.

Inner Layer: All remaining inner layers have a 1/2 gore segment but no tangent.

Outer Layers: All outside layers will be cut with full gore segments, but will have extended fingers to stagger the seams along the throat of the fitting.



Figure #5

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