



# Precision V-Grooved aspen|aerogels Insulation

## For Small Bore Piping



- **Precision Cut**

The rigid nature of Aspen Aerogel material does not allow it to conform well to small bore piping. Sproule's Precision V-Grooved Aspen Aerogel material is cut with precisely spaced and angled V grooves to allow the material to easily wrap around a small bore pipe while allowing the grooves to completely close preventing heat loss.

- **No Straight Thru Seams**

Potential heat loss at the butt end of the material has been eliminated with a unique tapered edge. This tapered edge eliminates any straight thru seams while giving the installer the ability to properly close and tension the material as needed.

- **Available Materials**

Sproule Precision V-Grooved Aspen Aerogel Pipe Covering is available in Pyrogel 6350 and Pyrogel 10350

- **Available Sizes**

This precision cut material is specifically designed for systems with a 4" Inside Diameter or less.

**Available Pipe Sizes** include 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", and 3 1/2" NPS pipes.

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

- **Easy to Read Labeling**

All precision V-Grooved pieces are labeled with their respective pipe size, thickness, and layer. 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.

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

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

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# Sproule Aspen Aerogel Precision V-Grooved Installation Instructions



Figure #1



Figure #2



Figure #3



Figure #4



Figure #5

**Step 1.** Place center of Sproule's Aspen Aerogel Precision V-Grooved cut to length piece over pipe. (Figure #1)

**Step 2.** Wrap material around pipe. Place two bungee cords or tensioning devices to hold material. Tighten material up until angled butt joints are tight. (Figure #2)

**Step 3.** Before stapling butt joints between the tensioning devices, ensure ends are flush. (Figure #3)

**Step 4.** Work the tensioning devices towards the end of piece while stapling angled butt joints. Continue to check that ends are flush. (See Figure #4)

**Step 5.** Once you have completed stapling the Precision V-Grooved piece on the pipe, spin the butt joint to 6 o'clock position (on a horizontal pipe. – See Figure #5)

**Step 6.** Specified jacketing can be installed like any other type of insulation. No special preparation or equipment is required.

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