

# Sproule Mfg. Co., Inc. ~ WeatherJac™

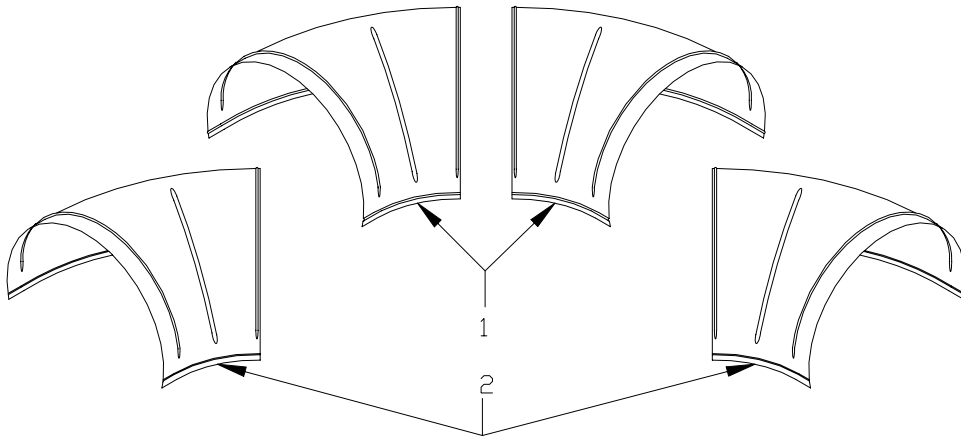
## 2 Segment Trimmed - Installation Instructions

**Step 1.** Assembling a 4 piece trimmed WeatherJac™ requires two Inside (pink label) and two Outside (green label) pieces. As shown in Figure 1 below, one left and one right side trimmed piece is required for both Inside (pink) and Outside (green) sections.

**Figure 1 Key**

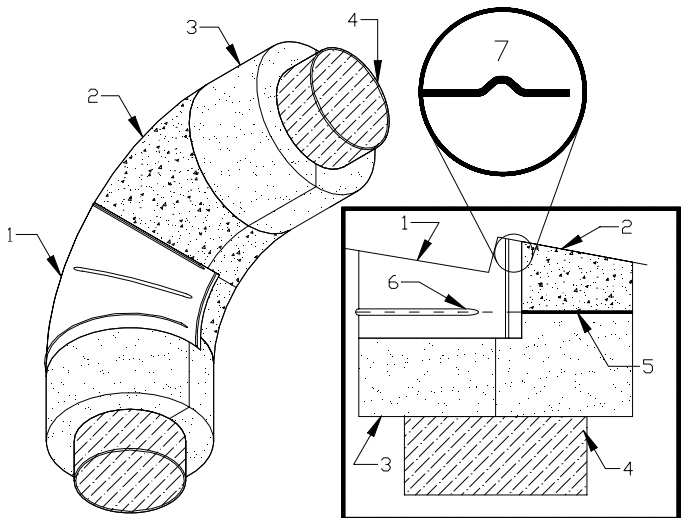
1. 2 - WeatherJac™ Inside (pink) pieces
2. 2 - WeatherJac™ Outside (green) pieces

**Note: Use untrimmed WeatherJac™ pieces when assembling a 45° elbow.**



**Figure 1**

**Step 2.** Working in a watershed fashion, place an Inside (pink) piece against the elbow. The trimmed or 'short' side of the WeatherJac™ must be placed facing the center of the insulating elbow as shown in Figure 2. Be careful to center the alignment rib over the seam between the pipe covering and fitting cover, again as shown in Figure 2. If existing aluminum jacketing (not pictured) is covering the pipe covering/fitting cover seam, estimate the location of the seam.



**Figure 2 - Inside (Throat) Views**

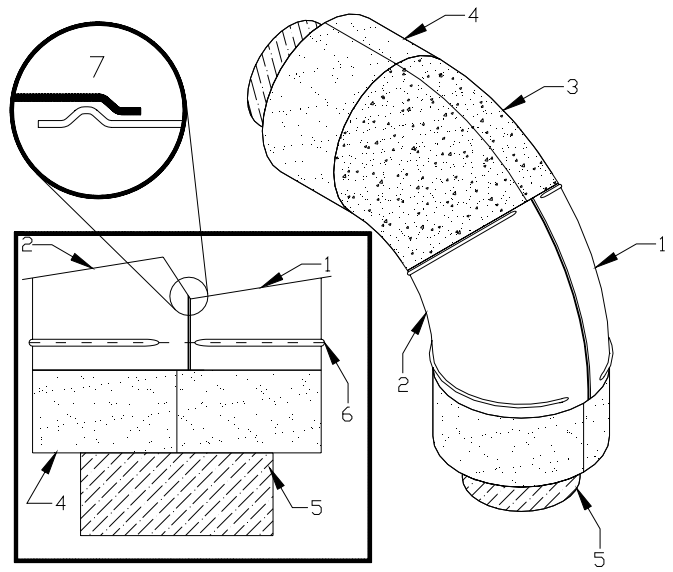
**Figure 2 Key**

1. WeatherJac™ Inside (pink) piece
2. Fitting Cover
3. Pipe Covering
4. Pipe
5. Pipe Covering – Fitting Cover Seam
6. Alignment Rib
7. Inside Bead Detailed View

**Step 3.** Place an Outside (green) piece on the opposite side of the fitting cover from the Inside (pink) piece. Similar to the inside (pink) piece, the trimmed or 'short' side of the WeatherJac™ must be placed facing the center of the elbow. When placing the Outside (green) piece, ensure that the alignment ribs are in line with one another. The Outside (green) piece should overlap the Inside (pink) piece equally at the throat and the spine of the fitting cover.

**Figure 3 Key**

1. WeatherJac™ Inside (pink) piece
2. WeatherJac™ Outside (green) piece
3. Fitting Cover
4. Pipe Covering
5. Pipe
6. Pipe Covering – Fitting Cover Seam
7. Outside Bead Detailed View

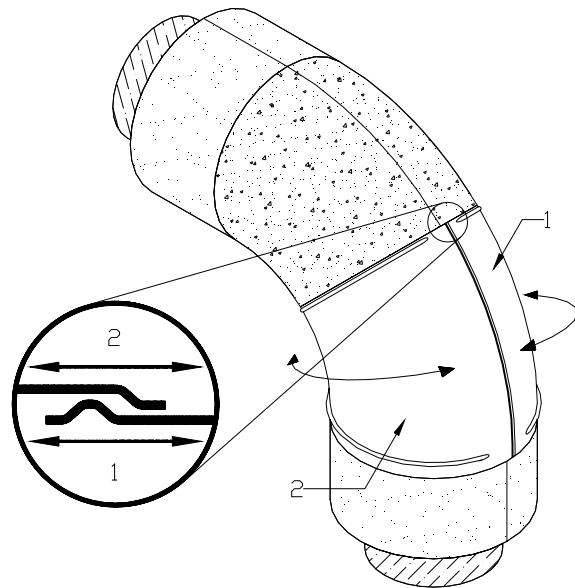


**Figure 3 – Back (Spine) Views**

**Step 4.** To ensure proper positioning of the WeatherJac™, slide the Outside (green) piece around the Insulation elbow until the overlap lies properly. If you find excess overlap in the throat (inside) of the fitting cover, slide the Outside (green) piece towards the spine (back) of the elbow. Overlap at the spine (back) is much easier to secure.

**Figure 4 Key**

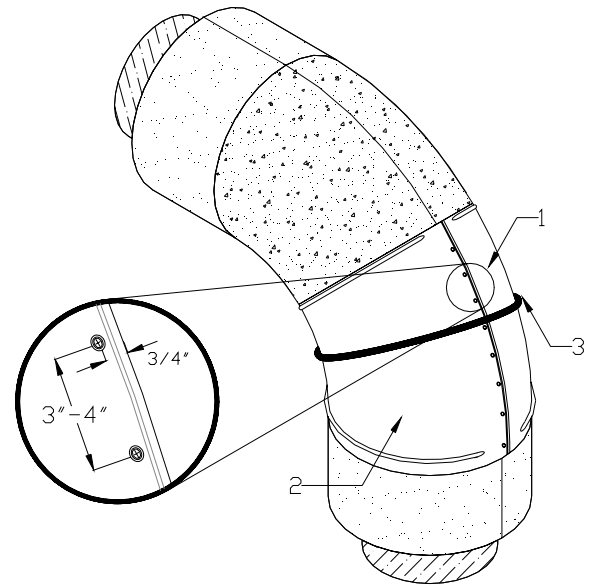
1. WeatherJac™ Inside (pink) piece
2. WeatherJac™ Outside (green) piece



**Figure 4**

**Step 5.** Once positioned properly, temporarily tighten down the WeatherJac™ pieces with straps, Bungee™ cords, or wire ties. For hot service applications, permanently secure the WeatherJac™ with screws. Place the screws approximately 3/4" in from the edge of the Outside (green) piece, and on 3"-4" center along the spine (back) and throat (inside) of the elbow as shown in figure 5. Cold and dual-purpose applications should use straps and seal.

**Note:** If another section of WeatherJac™ pieces must be installed, do not place a screw within the 2"-3" of the alignment ribs. See step 6.

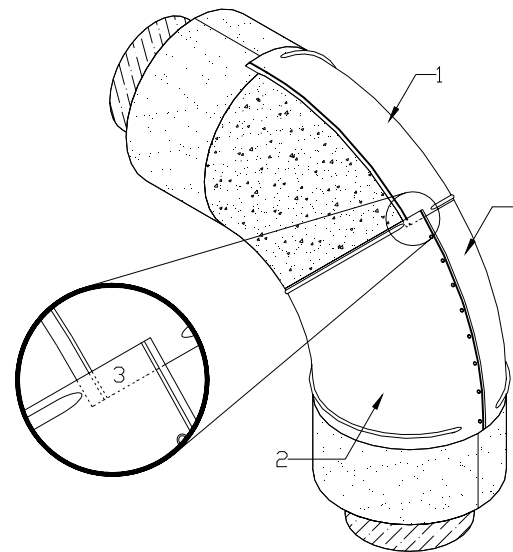


**Figure 5**

**Figure 5 Key**

1. WeatherJac™ Inside (pink) piece
2. WeatherJac™ Outside (green) piece
3. Temporary Strap, Bungee™ Cord, or Wire Tie

**Step 6.** Still working in a watershed fashion, place the next Inside (pink) piece on the elbow, with the short side facing the center, making sure the alignment ribs of the two inside pieces, seat over one another. To maintain a proper seal, tuck the corners of the new Inside (pink) piece under the corners of the previously installed Outside (green) piece as demonstrated in Figure 6.



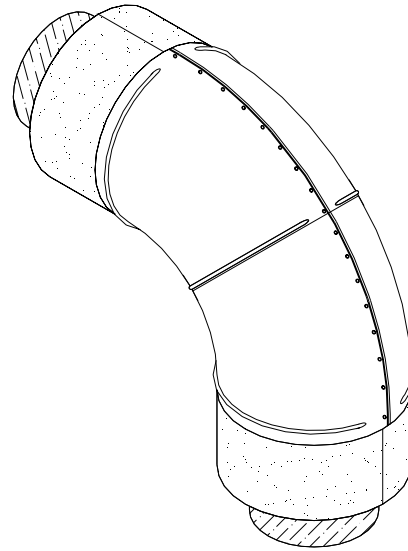
**Figure 6**

**Figure 6 Key**

1. WeatherJac™ Inside (pink) piece
2. WeatherJac™ Outside (green) piece
3. Tuck the corners of the new Inside (pink) piece under the corners of the previously installed Outside (green) piece

**Step 7.** Place the next Outside (green) piece on the elbow, again making sure to seat the alignment ribs directly over one another. Position and secure the WeatherJac™ as previously shown in steps 4 & 5.

**Note:** The alignment ribs must seat over one another to ensure a proper fit and seal.



**Figure 7**

**This completes the assembly of a WeatherJac™ 90° elbow.**

If you have any additional questions, or have suggestions on how we can improve Sproule Mfg. Co., Inc. WeatherJacs™, please feel free to contact the factory at 1-800-628-6998.

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