

**TYPICAL INSTALLATION PROCEDURES  
FOR  
VG ENGINEERING INC.  
ACOUSTIC AND THERMAL  
INSULATION BLANKETS**



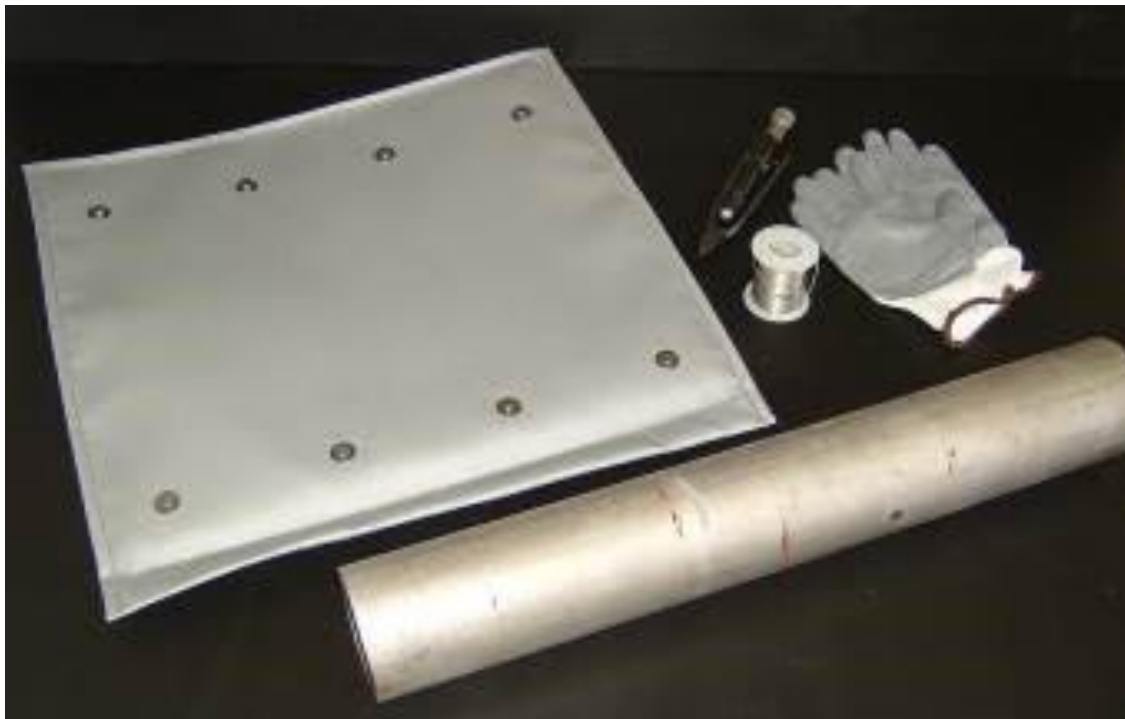
## **1. GENERAL INFORMATION**

VG Engineering Acoustic blankets and pipe lagging is available for a range of pipe and duct applications, both interior and exterior; for ambient and elevated temperature use. Our acoustic blankets are composite systems with outer coverings made from heavy weight silicone impregnated fiberglass, encasing acoustic absorption and decouplers. Each blanket assembly is custom designed to suit the system that is to be wrapped. Fittings include elbows, off-sets, divergent and straight sections that are prefabricated for easy installation. Section joints are made using a range of appropriate connections that account for acoustic, temperature, expansion and maintenance requirements.

## **2. TOOLS AND MATERIALS**

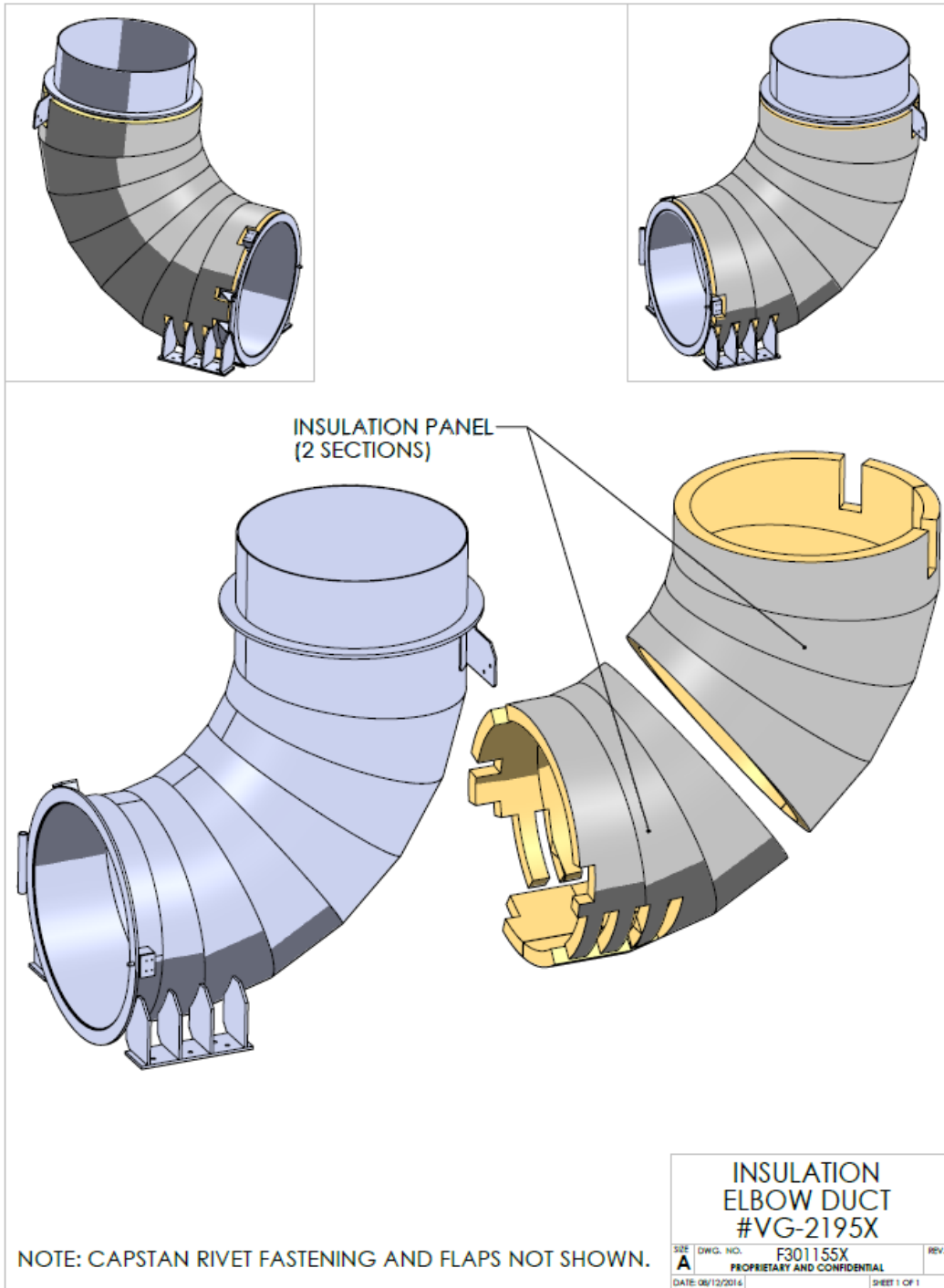
To install VGE acoustic and thermal insulation blankets you will need:

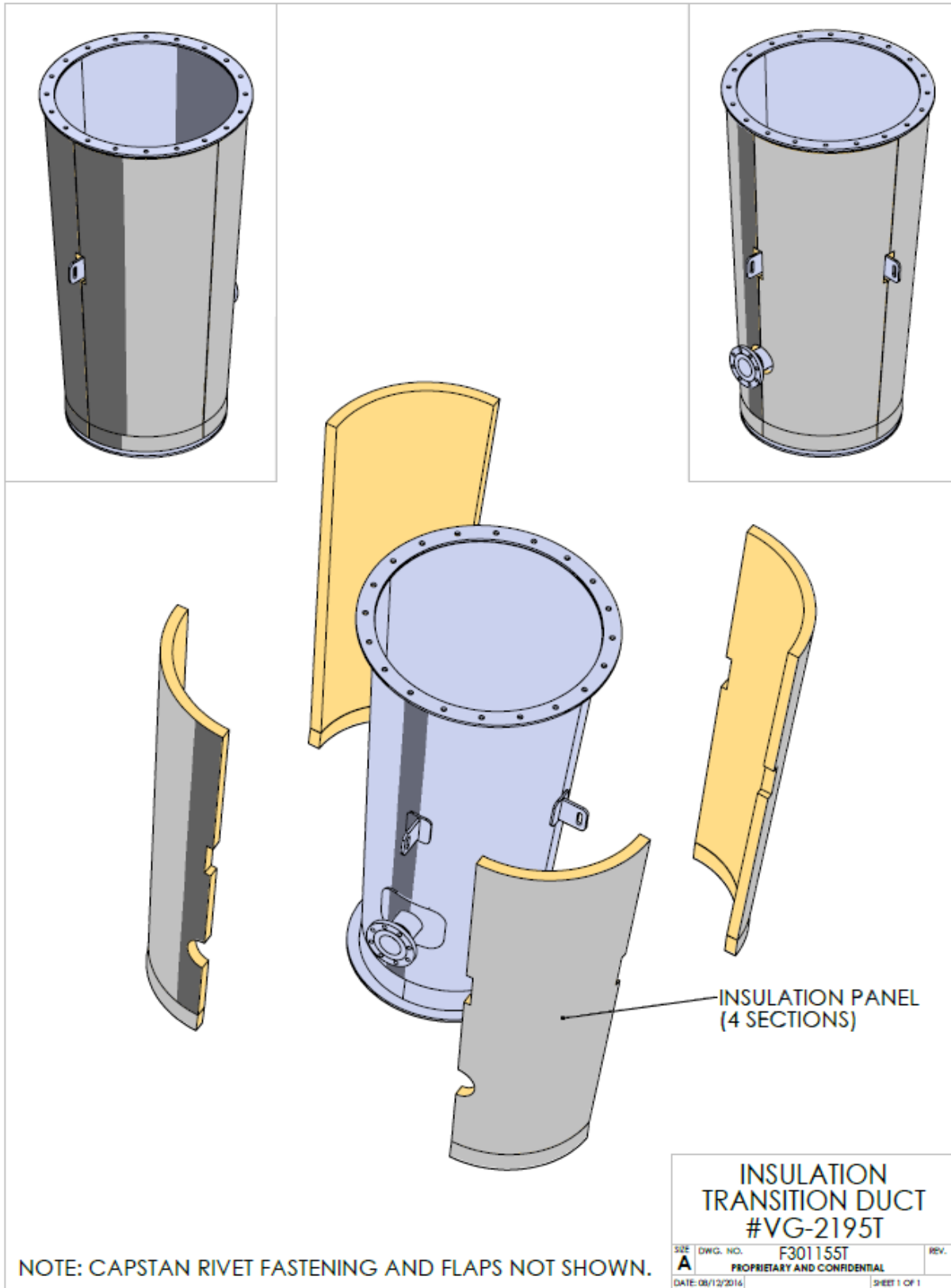
- stainless steel wire (supplied)
- gloves
- pliers and or side cutters

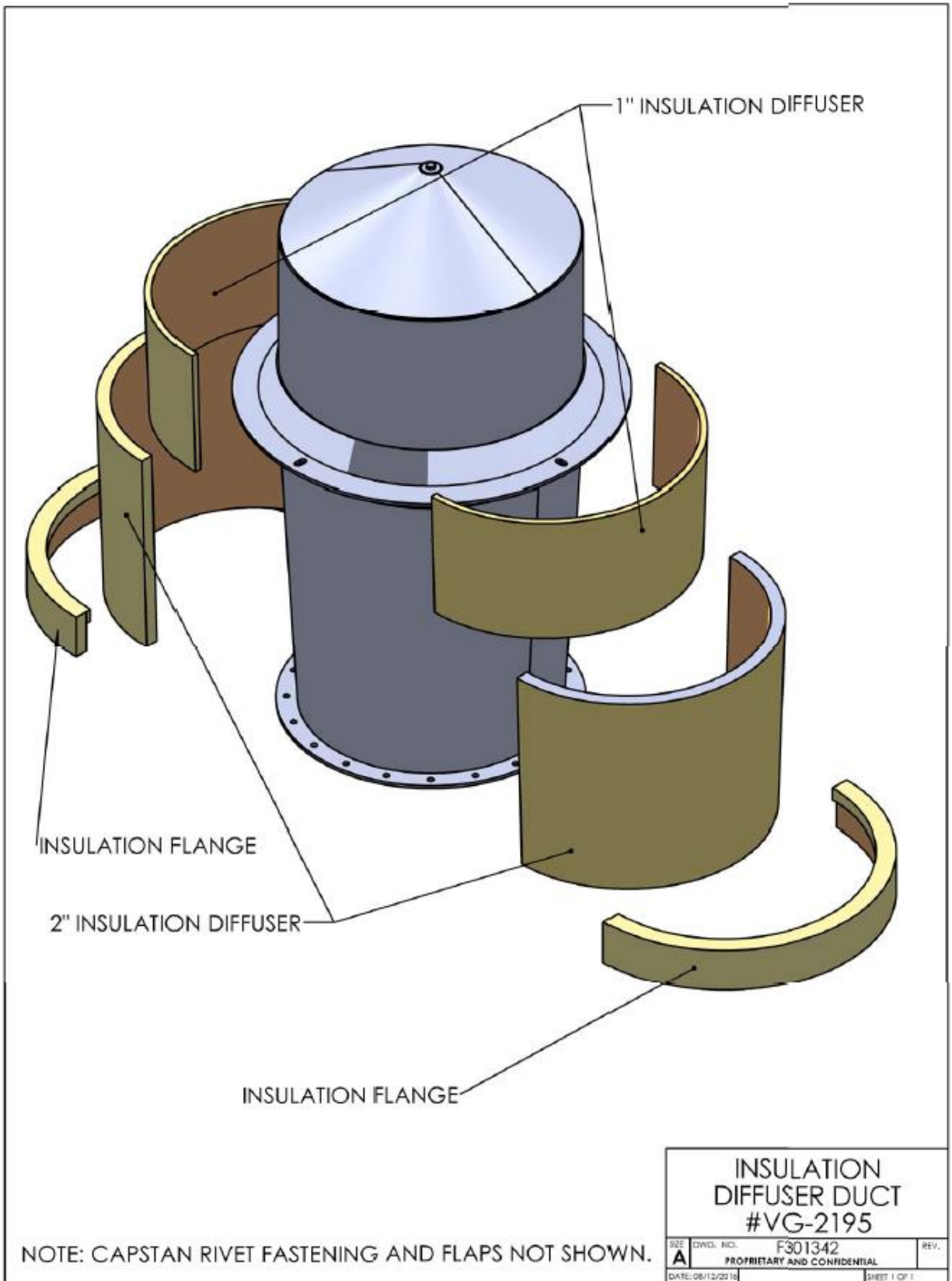


### 3. GENERAL INSTALLATION INSTRUCTIONS FOR SURFACE BLANKETS

Make sure you know where each blanket goes before installing.



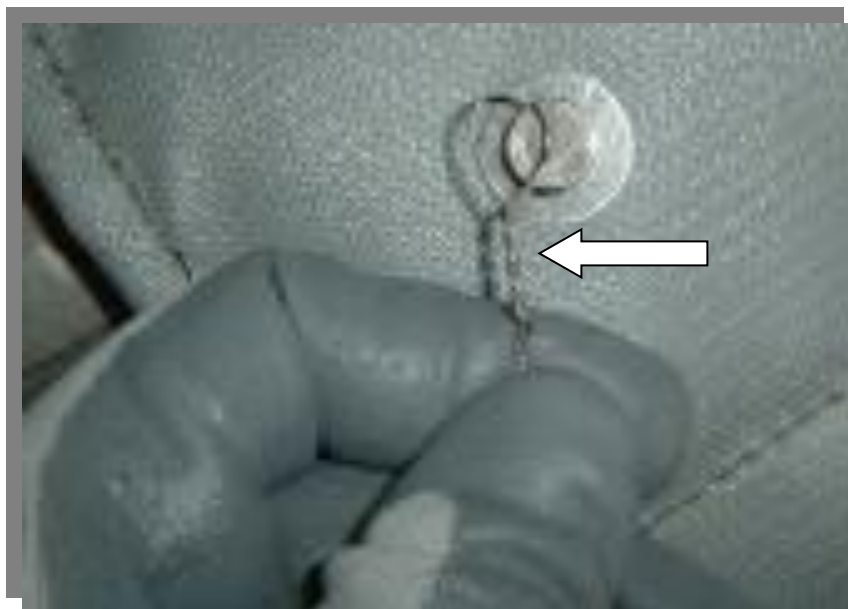




Wrap the blanket around the pipe (part). Form and compress the blanket while working to close the seam.



Form a loop in the wire and hook it around the first rivet/hook. Lace the wire across the blanket to close the seam.







On longer blanket sections, temporary ties or starting the blanket in the middle will help.



**4. GENERAL INSTALLATION INSTRUCTION FOR FLANGE BLANKETS**

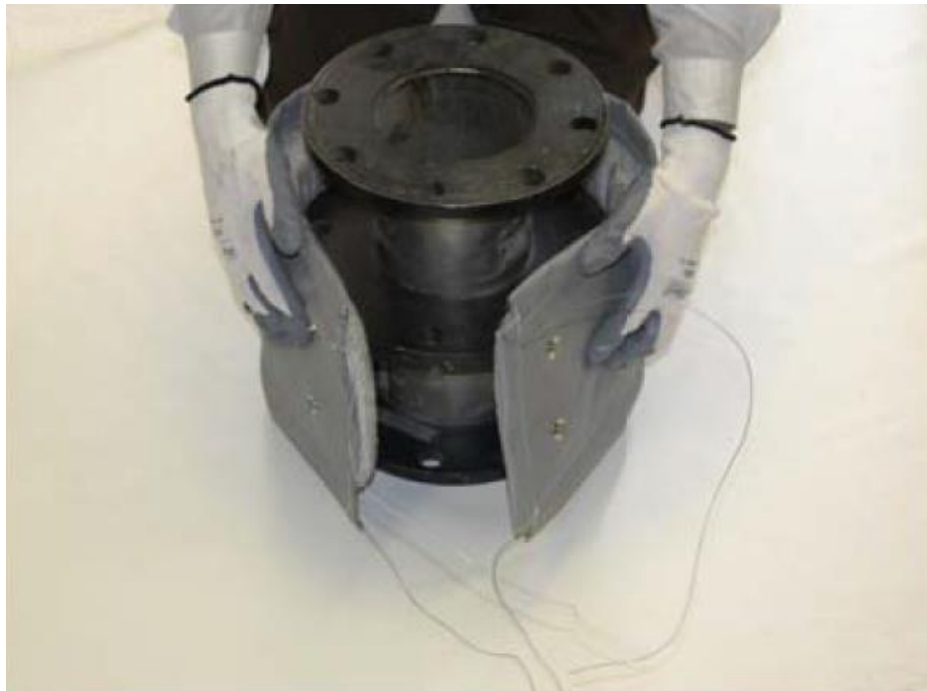
**Step 1.**

Remove flange blanket from shipping box and inspect it for any damage.



**Step 2.**

Wrap blanket around flange.





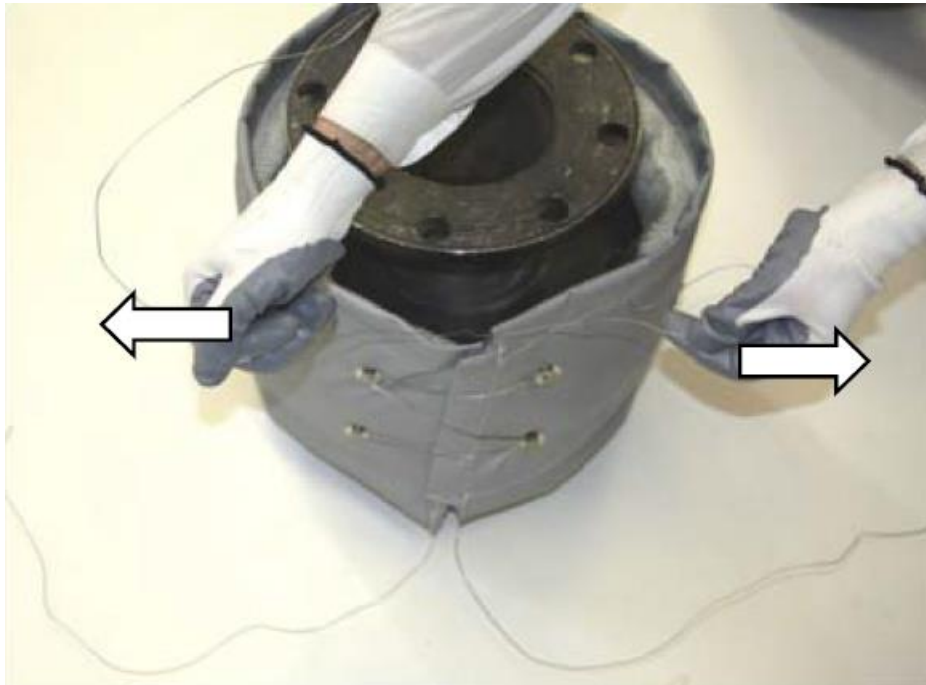
**Step 3.**

Use spare wire to hold blanket in place.



**Step 4.**

Pull on “draw cords” at top and bottom to tighten blanket around flange.



**Step 5.**

Flange blanket begins to take shape.



**Step 6.**

Flange blanket shaped. Remove spare wire. Fasten blanket by wrapping draw cord wire around rivets.

