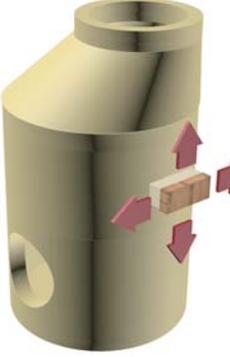
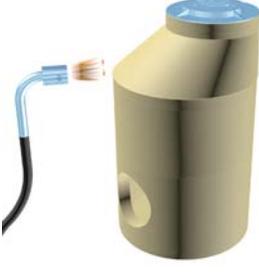
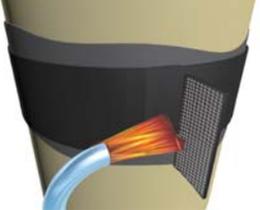
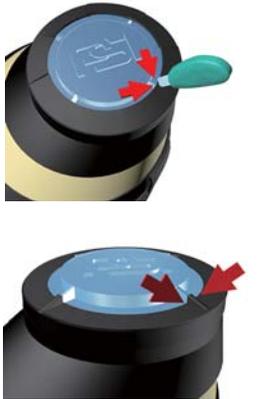




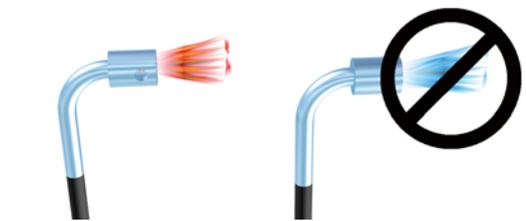
**Basic Installation Guidelines**

 <p><b>1. Clean all exterior surfaces of the manhole with a brush or broom to remove any loose cement, dust or small rock particles.</b></p>	 <p><b>2. Preheat manhole surface.</b> The function of preheating is to remove excess moisture.</p>	 <p><b>3. Apply Polyken #1027 or #1039 liquid adhesive primers to the entire exposed concrete application surface.</b></p>	 <p><b>4. Remove 8" (20cm) of release backing and position exposed surface on cleaned and primed seam area. Expose 8" (20cm) sections at a time as you wrap the sleeve material around the entire circumference of the manhole.</b></p>	 <p><b>5. Using a small amount of flame, heat the adhesive side (Fiber Reinforced) of the adhesive joiner-strip. Center the strip vertically over the overlap sleeve edge, hold in place and apply small amount of heat to the face of the joiner-strip (Black Side).</b></p>
 <p><b>6. Using a moderate to high flame, begin heating Riser-Wrap® sleeve material from the bottom edge moving around the structure in one direction.</b></p>	 <p><b>7. Carefully cut the Riser-Wrap® sleeve when applying over cast iron manhole gussets. Gently mold with heat the sleeve around gussets with roller/gloved hand.</b></p>	<p><b>8. Inspection</b> Visually inspect the installed sleeve to make sure the sleeve is in full contact with the cone section and manhole frame. Also verify that the adhesive flows beyond the sleeve edges and that no cracks or holes exist in the sleeve backing.</p>	<p><b>9. Backfilling Guidelines</b> After shrinking is complete, allow the sleeve to cool prior to backfilling. Water quenching of the sleeve is acceptable to facilitate immediate backfilling. To prevent damage to the sleeve, use selected backfill material (no sharp stones or large particles) otherwise an extruded polyethylene mesh or other suitable shield should be used.</p>	<p><b>Optional: Gusset Installation</b> Use small sections (4" to 6" strips) of filler cord and mold around gussets.</p> 

**Primer Not Needed for Asphalt or Bituminous Coated Concrete.**  
Apply Riser-Wrap® directly on the coated surface. Do not apply Polyken 1027 or 1039 primer over asphalt. Apply primer to bare surfaces only.

**6. Using a moderate to high flame, begin heating Riser-Wrap® sleeve material from the bottom edge moving around the structure in one direction.**

**7. Carefully cut the Riser-Wrap® sleeve when applying over cast iron manhole gussets. Gently mold with heat the sleeve around gussets with roller/gloved hand.**



Use yellow/orange flame when heating RW material. Blue flame will overheat material.

**Note:** Detailed/Complete Installation Guidelines packaged with boxed Riser-Wrap® material.



**Tools Required for Installation**

1. Approved torch assembly, regulator and Propane bottle. (BN-80 head suggested)
2. Tape Measure. (16')
3. Heavy Duty Knife.

4. Paint Brush or Paint Roller.
5. Marking Pens. (Sharpie)
6. Heat Resistant Gloves or Welder's Gloves.
7. Approved surface rolling device. (4" roller)
8. Wire brush or broom.
9. Approved solvent or cleaner & rags.
10. Crescent Wrench
11. Safety Glasses or Goggles