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CiDRA has the ability to adapt sensor bands and covers to fit non-standard or odd sized pipes found in some processes.

For example, a fiberglass pipe may have an outside diameter of 15 inches due to the fiberglass material layup. In this case CiDRA would manufacture a custom sensor band to fit the pipe circumference. The sensor cover would be modified with the addition of a spacer in order to make a proper seal with the pipe. Figure 1 illustrates such a cover.

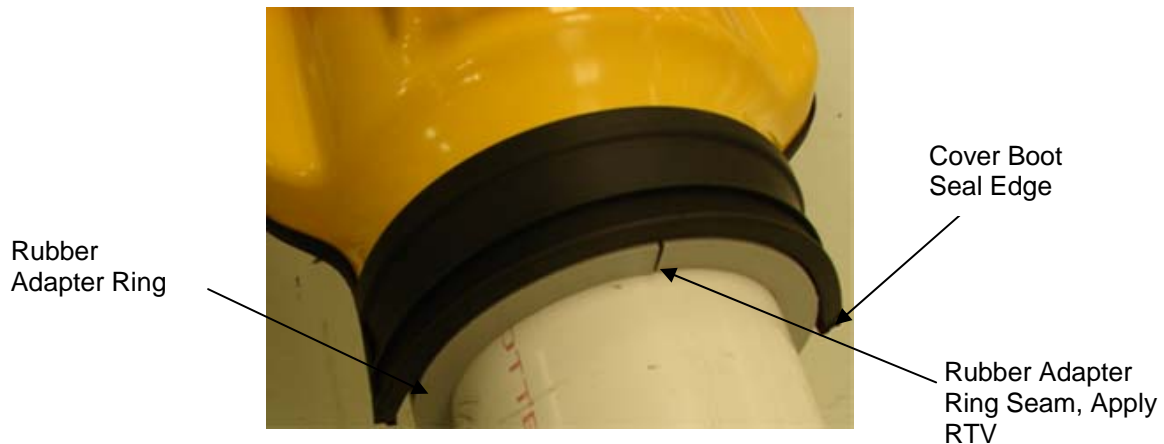



Figure 1 Cover with Spacer

In some cases a rubber skiving kit (lengths of elastomer strips to wrap around the pipe) are also included. Install these on the pipe where the rubber adapter ring will contact the pipe prior to installing the cover as follows:

1. Measure the distance between the inside edges of the sensor cover rubber adapter rings and mark this distance on the process pipe.
2. Install the elastomer strips such that the in-board edges of them align with the marks on the tube, and the paper covered adhesive strips will contact the tube.
 - a. Remove the paper strips covering the adhesive.
 - b. Wrap the elastomer strip 3/4^{ths} of the way around the pipe. Pull it taut so it lies smoothly and evenly on the pipe.
 - c. Apply a bead of the Teflon sealant along the seam at the starting edge of the elastomer strip.
 - d. Continue to wrap the elastomer strip overlapping the previous layer.
 - e. Once the wrap is complete, apply a bead of the Teflon sealant along the seam.
 - f. Install the second strip per the above steps.

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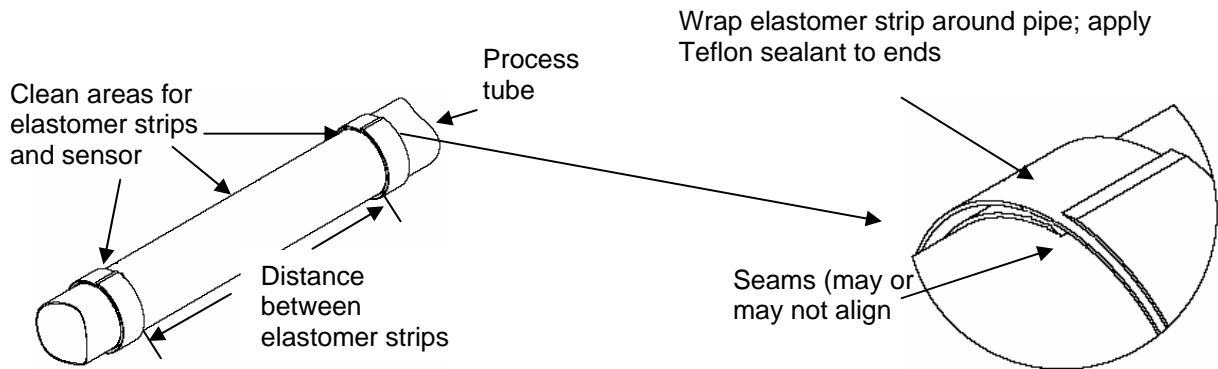


Figure 2 Elastomer Strip Installation on Tubes




Figure 3 Rubber Adapter Ring Kit

3. Wrap the rubber adapter ring around the pipe.
 - a. Install such that the seam of the ring is 90° from the cover boot seal edge (Figure 1).
 - b. Apply RTV to seam of the rubber ring where the ends meet. The rubber adapter ring faces will form a seal when the boot seal band or clamp is installed.

Contact Customer Support with any questions.

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Revision History

Rev	Date	Changed By	Approved By	Change Description
01	30Dec08	Markoja	Markoja	Initial Release
02	13May09	Markoja	Markoja	Revise to latest configuration