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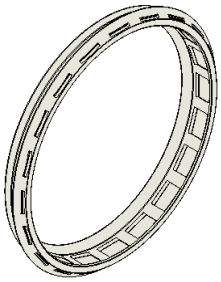
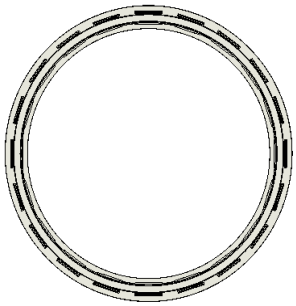
RIEBERLOK GASKET FOR INTERNAL RESTRAINT OF AWWA C900 PVC PIPE





FEATURES AND ADVANTAJES

- RieberLok is an internal restraint eliminating common external steel corrosion issues.
- RieberLok has the same installation procedure as the Rieber gasket which reduces chance of installation error.
- RieberLok saves significant time and labor over bell harnesses, keeping labor costs lower.
- The RieberLok Gasket can be easily installed outside of the ditch which is safer, faster, cleaner, and easier.
- RieberLok is a single gasket which makes for easier management due to less inventory space and lower freight costs than external restraints with multiple pieces.
- RieberLok can be installed at the pipe plant or in the field.

GENERAL INFORMATION:

- Gasket teeth are made of Stainless Steel.
- Pressure rated equal to the working pressure rating of the pipe with a 2:1 safety factor.
- Size range of 4”-16”.
- Maintains full deflection of PVC Pipe joints and fittings.
- Assembly instructions, field cut instructions are available.
- Works on C900 DR-14, DR-18, and DR-25.

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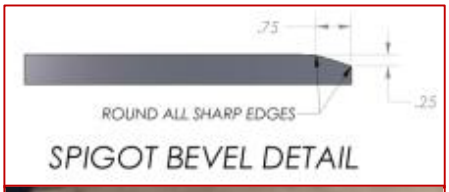
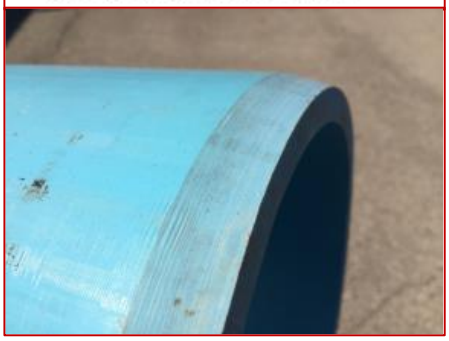
FIELD CUT INSTRUCTIONS:

The installed gasket direction is critical to performance. Install the gasket with the face marked "INSTALL THIS FACE OUT" looking out of the bell and facing the installer.





Field Cut Pipe and Bevel:

If for any reason the factory bevel on the spigot end of the pipe is removed (e.g. the pipe is cut in the field to alter its length), a new bevel must be formed to aid assembly. This bevel may be formed by a variety of methods and need not be very substantial. A bevel depth of at least 1/4 inch deep by 3/4 inches long is sufficient.

Mark Assembly Depth

If the pipe does not have an assembly strip supplied by the manufacturer, measure from the lip of the bell to end of the socket. Subtract ½ inch from that. Place an assembly mark on the spigot this distance from the spigot end. This distance may vary by pipe manufacturer.

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ASSEMBLY INSTRUCTIONS:

The installed gasket direction is critical to performance. Install the gasket with the face marked "INSTALL THIS FACE OUT" looking out of the bell and facing the installer.

Remove the original Rieber Gasket

Working from the bell end of the pipe, use a medium sized flat blade screwdriver to remove the original Rieber gasket. Slide the screwdriver between the gasket and the gasket groove in the bell and pry the gasket out. The gasket has a steel band reinforcement molded in. The tip of the screwdriver must be inserted between this band and the socket in order to remove the gasket. This is best done by feel. Take caution not to use excessive force to remove the gasket as scoring or gouging the pipe's gasket groove may cause the RieberLok gasket to leak.

Clean the Bell Socket and Gasket Groove

Using a clean rag, remove all dirt and other foreign matter from the socket paying particular attention to the gasket groove.

Install the RieberLok Gasket

Making sure the gasket groove is clean; install the RieberLok gasket in the pipe's gasket groove by forming a loop in the gasket and inserting it in the groove. Larger gaskets may require two loops. Gasket orientation is critical to performance. Install the gasket with the face marked "INSTALL THIS FACE OUT" looking out of the bell and facing the installer. After the gasket is expanded and seated in the groove, wiggle the gasket to make sure it is fully seated. The gasket must be installed in a clean and dry bell socket, use no lubricant.

Apply Assembly (Joint) Lubricant

Apply a light coating of assembly lubricant to the first few inches of the spigot end of the pipe. Pay particular attention to the pipe bevel area. Apply a light coating of assembly lubricant to the inside surface of the RieberLok Gasket. Exercise caution as the segment teeth are sharp and may pose a hazard.

Assemble the Joint

Align the two pipes to be mated, bell to spigot, and insert the spigot into the bell of the mating pipe until resistance is felt. Be careful to avoid contaminating the lubricant covered spigot with dirt or other foreign matter as this may affect gasket sealing. Using a backhoe, chain come-a-longs or other suitable device, push the spigot into the bell until the assembly stripe is reached. Do not over insert the spigot as damage to the pipe may occur. The joint is now ready for use.