TYPE 4G & 4F PROFILE

CONCRETE PIPE, MANHOLE & BOX CULVERT GASKETS







Where To Use

- Manholes
- Wet wells
- Square pump and lift stations
- Stormwater structures
- On-site treatment structures
- Junction chambers
- Grease interceptors
- Box culverts

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What It Is

The Type 4G & 4F profile gaskets were developed to specifically meet the needs of contemporary concrete pipe joint designs.

With the accurate profile dimensions and designs for a complete line of standard and specially designed concrete joint configurations.

How It Works

- The gasket is stretched over the spigot.
- The gasket is equalized around the entire circumference of the spigot.
- Bell joint is covered liberally with lubricant.
- Bell and spigot are homed creating a watertight seal.

Why It's Better

- Optimized profile designs for a wide variety of joint configurations.
- Accurate profile designs covering a variety of applications.
- Wide range of compounds that can be applied in multiple applications.
- Simple installation methods.

Product Performance

- ASTM C1619 Standard Specification for Elastomeric Seals for Joining Concrete Structures
- ASTM C443 Standard Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets

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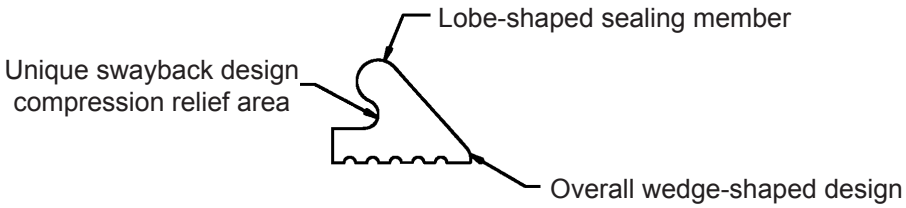
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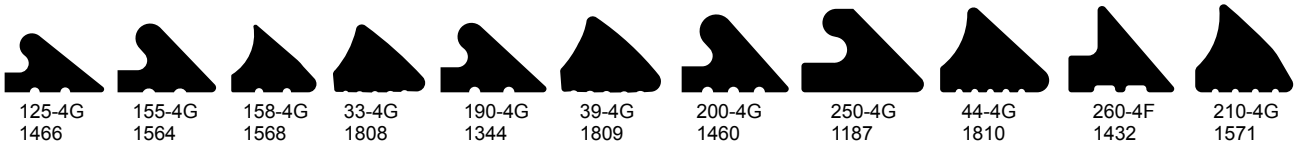
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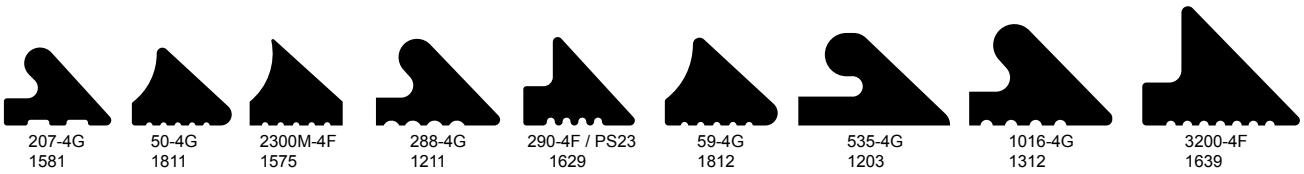
TYPE 4G & 4F PROFILE
SELECTION GUIDE

FOR SINGLE-STEP PIPE AND MANHOLE JOINTS

Available for Concrete Pipe, Manholes and Box Culverts.







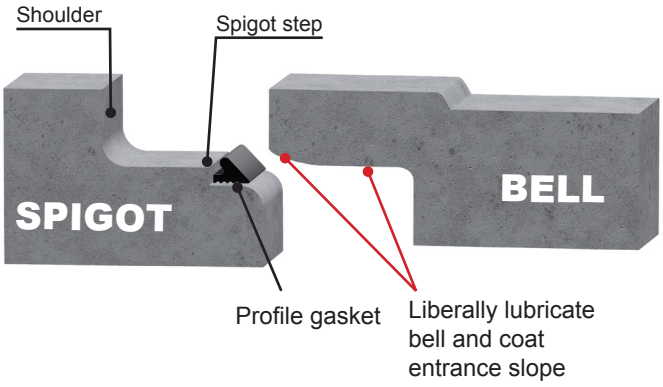
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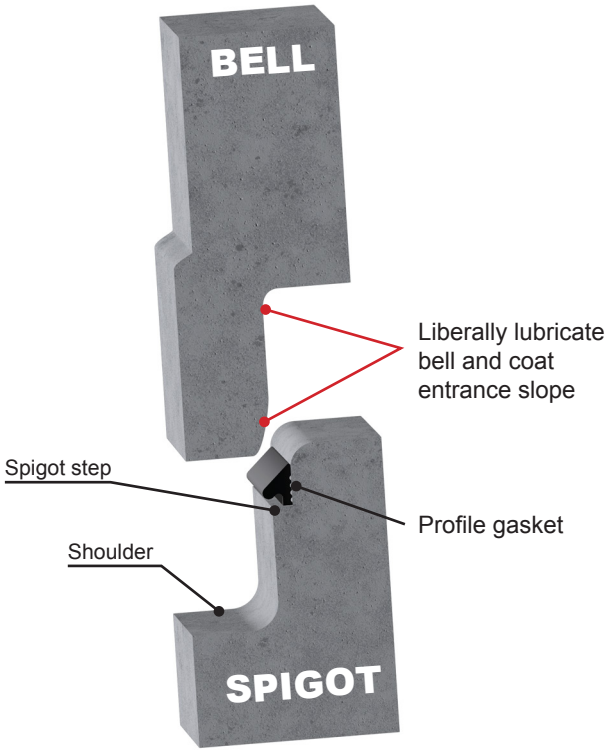
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TYPE 4G & 4F
INSTALLATION INSTRUCTIONS

PIPE INSTALLATION



MANHOLE INSTALLATION



CAUTION: **DO NOT** allow lubricant to get on bottom of profile gasket.

- OPTIONAL: Lubing the face of the gasket is optional.
- NOTE: There are different lubrication instructions for O-ring gaskets.
- NOTE: Instructions are for gasket joints on concrete pipe or manholes.

Type 4G and 4F gaskets manufactured by Press-Seal Corporation have proved to be one of the most reliable gasket systems ever developed for concrete pipe. It is easy to ensure the best performance of the 4G and 4F gaskets by following these simple installation steps.

1. The pipe should be handled with extreme caution to avoid chipping of the spigots or bell grooves.
2. Check for and remove any loose dirt, debris or foreign material from the inside surface of the bell, spigot and gasket.
3. Stretch the gasket over the spigot end of the pipe and move it back until it is seated against the step of the spigot. Always place squared area of gasket against pipe and step.
4. The gasket should be equalized by inserting a clean round metal object between the gasket and manhole and making at least 1 -1/2 revolutions around the manhole. The gasket can also be equalized by slightly tugging/ pinching the gasket at different points around the manhole.
5. After equalization, ensure the rear of the gasket is seated firmly against the spigot step, around the full circumference of the spigot.
6. Remove all dirt and other foreign matter from the inside surface of the bell.
7. Using Press-Seal lubricant formulated especially for concrete pipe, liberally lubricate entire bell area of the joint.
8. Be sure to coat the entrance slope of the bell thoroughly with lubricant. It is important that the gasket grips the spigot during installation, so that it is not displaced from the step.
9. Carefully align pipe sections squarely and bring home slowly, so that the gasket makes contact with the bell entrance slope evenly around the entire pipe joint.
10. Complete installation by following pipe manufacturer's recommended bedding and backfilling practices.

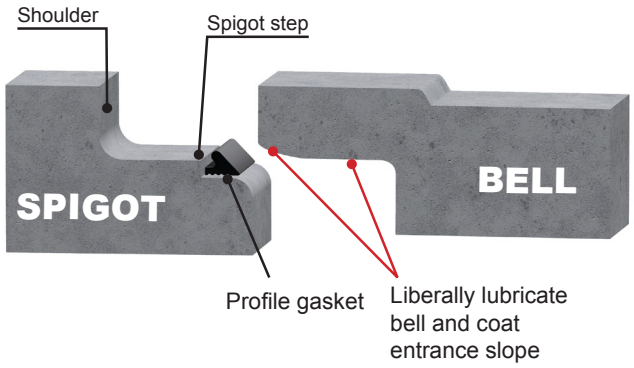
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4G & 4F: BOX CULVERT GASKET
INSTALLATION INSTRUCTIONS



CAUTION: **DO NOT** allow lubricant to get on bottom of profile gasket.

CAUTION**:** Press-Seal believes there are risks associated with gluing the gasket on and being exposed to the elements for an extended period of time; therefore, please discuss with your territory manager before installation.

- OPTIONAL: Lubing the face of the gasket is optional.
- NOTE: There are different lubrication instructions for O-ring gaskets.
- NOTE: Instructions are for gasket joints on concrete pipe or manholes.

1. The box section should be handled with extreme caution to avoid chipping of the spigot and bell. Check for and remove any loose dirt, debris or foreign material from the inside surface of the bell and gasket seat area. Bug holes or chips need to be properly repaired.

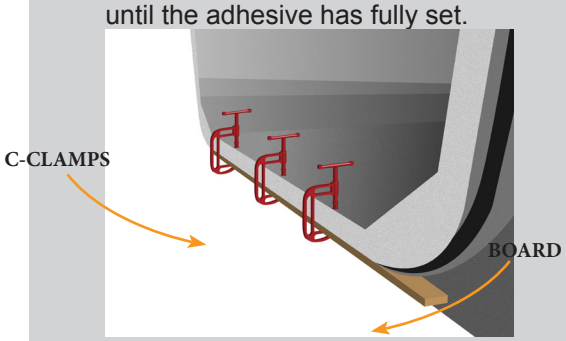
2. The gasket splice must be first located on the gasket. The splice area is identified with a colored stripe to aid in quickly locating. It is always placed in the middle of the bottom span on a horizontal box installation and on one of the two long spans on a vertical box. Stretch 4G gasket onto spigot with gasket body firmly against single offset step.

3. The gasket must always be equalized by pulling towards each corner to take up the slack and create uniform tension.

4. Use a preferred Press-Seal supplied (red brush on, spray adhesive or high quality adhesive only.)

5. Roll the gasket back over and onto the step of spigot. Apply adhesive starting at bottom span, then side spans, then top span. Apply 1.5” wide (max.) **Do not glue the corners.** Be sure the entire bottom base of the gasket is glued to the concrete surface. Roll gasket back onto the step.

6. To prevent the bottom span from sagging, use a board across the full length against the gasket body and clamp to the spigot until the adhesive has fully set.



7. Lubricant must be used on the entire bell and entrance slope. Lubing the face of the gasket is optional.

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