



## Plastic Pipe Seal for High-Pressure Applications

The SLING™ Seal is a factory-installed rubber gasket that is cast directly into the pipe bell during manufacturing. This creates a secure, consistent seal designed to handle some of the highest pressure ratings in the industry.

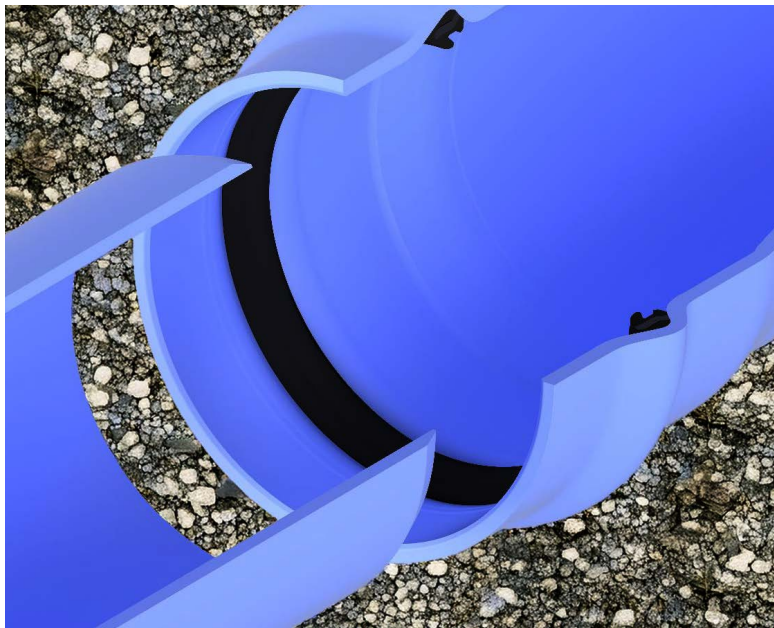
The SLING™ Seal has been tested to meet or exceed:

- ASTM D3139
- AWWA C909
- FM 1612

With consistent factory installation and high-performance materials, the SLING™ Seal delivers dependable sealing performance for plastic pipe manufacturers and distributors who demand proven results.



SLING™ Seal Patented  
US11578825B2



### FEATURES & BENEFITS

- Designed for high-pressure applications
- Developed using non-linear Finite Element Analysis (FEA)
- Tested to meet or exceed ASTM D3139
- Tested to meet or exceed AWWA C909
- Tested to meet or exceed FM 1612
- Exceeds ASTM F477 HH material requirements
- Complies with NSF 14
- Complies with UL 157
- Approved for potable water systems

### STANDARDS & MATERIALS

Press-Seal developed a proprietary SBR compound specifically for this application. The material exceeds ASTM F477 HH requirements and complies with NSF 14 and UL 157 for use in potable water systems.

### INSTALLATION

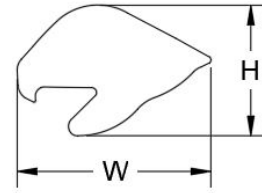
1. Ensure seal is properly seated in bell groove.
2. Verify sealing area is free of debris or damage.
3. Chamfer spigot end to be inserted.
4. Properly lubricate spigot and seal face.
5. Insert pipe in straight alignment with steady force.
6. Do not over-insert pipes.



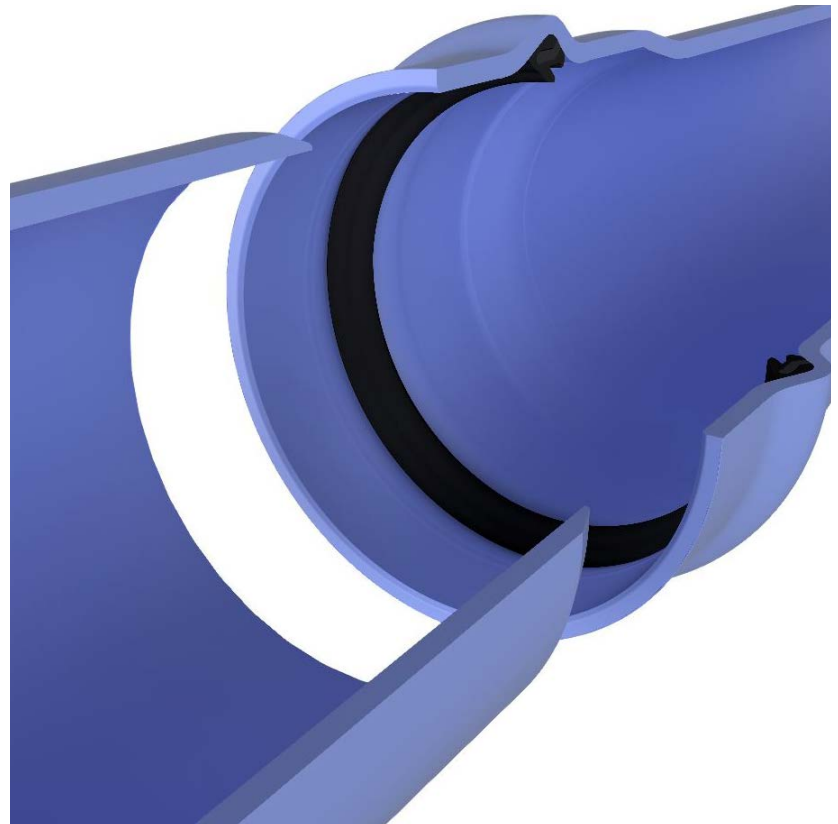
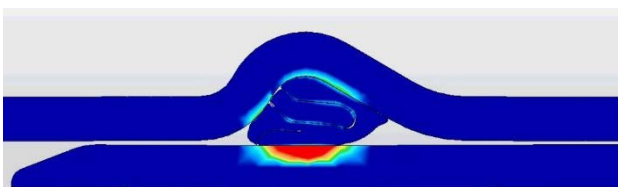
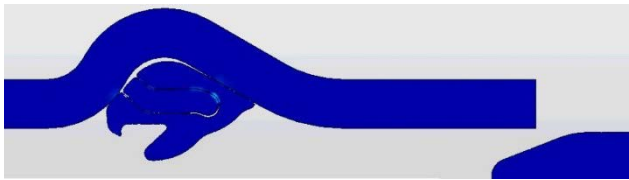
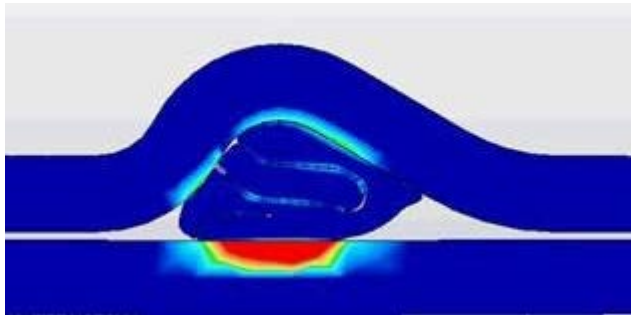
Engineered for strength and long-term performance, the SLING™ Seal was developed using advanced Finite Element Analysis (FEA) to optimize shape, compression, and sealing force before production began. The result is a gasket that performs reliably in demanding water and pressure pipe systems.

The SLING™ Seal is designed to meet or exceed the highest standards in the industry. These standards include:

- ASTM F477 HH
- ASTM D3139
- AWWA C909
- FM 1612
- UL 157
- NSF/ANSI 14



Pipe Size (Inch)	Height (H) (Inch)	Width (W) (Inch)
4	0.543	0.8045
6	0.744	1.1028
8	0.799	1.1848
10	0.978	1.4588
12	0.999	1.4815
14	1.078	1.5773
16	1.176	1.6819
18	1.256	1.8328
20	1.338	1.9808
24	1.632	2.3926



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*Protecting the Planet's Clean Water Supply*