
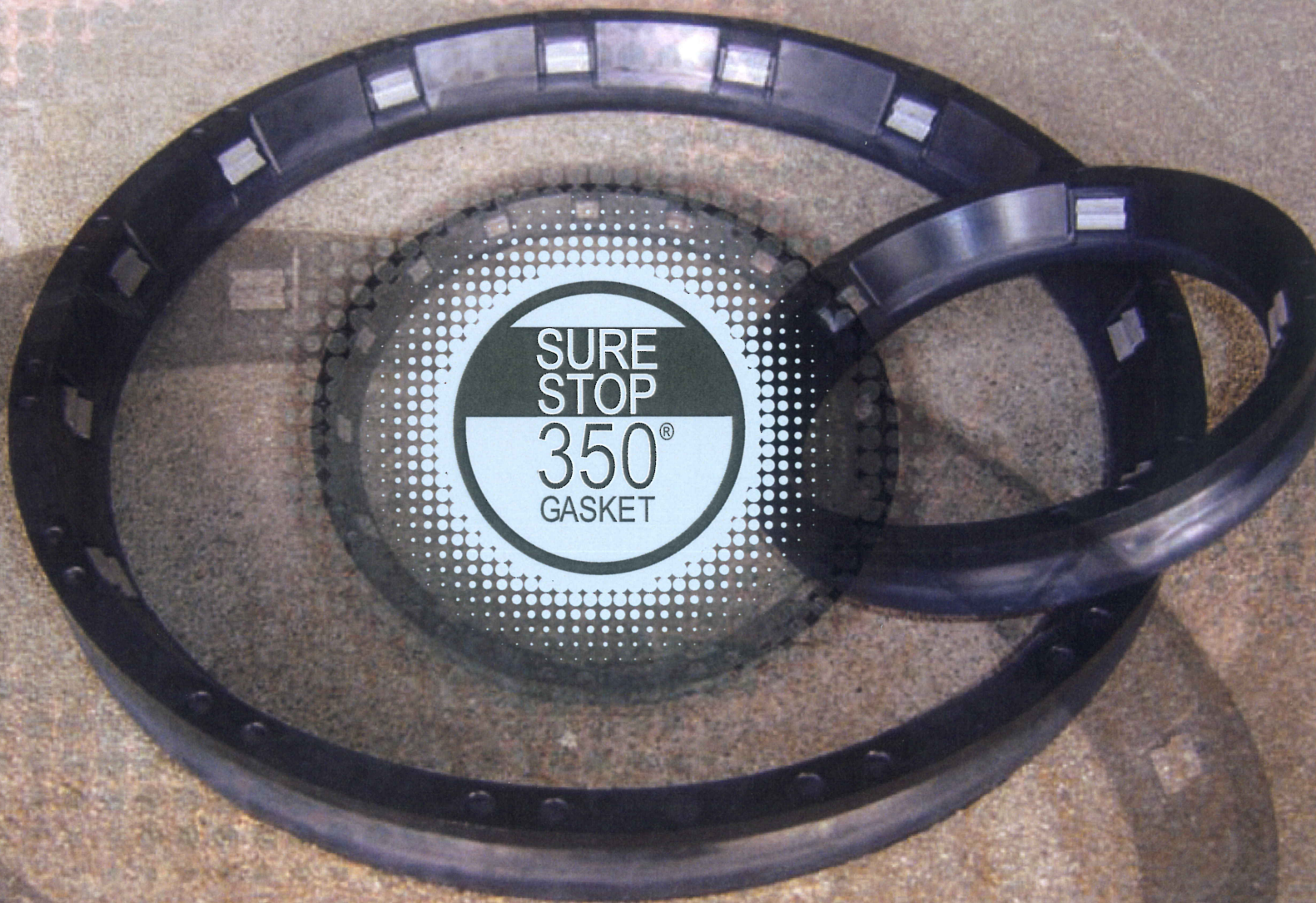


# INSTANT JOINT RESTRAINT WITH McWANE'S NEW SURE STOP 350® GASKET



 Listed at 350 PSI • NSF 61 Approved  
3"- 24" Listed and Approved



Atlantic States  
183 Sitgraves Street  
Phillipsburg, NJ 08865  
(908) 454-1161

Canada Pipe Company  
1757 Burlington Street East  
Hamilton, ON L8H 3L5  
(905) 547-3251

Clow Water Systems  
2266 South 6th Street  
Coshocton, OH 43812  
(740) 622-6651

McWane Pipe  
1201 Vanderbilt Road  
Birmingham, AL 35234  
(205) 322-3521

Pacific States  
1401 East 2000 South  
Provo, UT 84606  
(801) 373-6910

## SURE STOP 350<sup>®</sup> GASKETS ●●●●●●●●●●



McWane's SURE STOP 350<sup>®</sup> GASKETS are a fast and easy way of restraining TYTON<sup>®</sup>, TRIM TYTON<sup>®</sup>, or TYTON JOINT<sup>®</sup> pipe, valves and fittings. The gaskets are suitable for water, wastewater, fire protection and other related applications. Simply install the gasket in a TYTON JOINT<sup>®</sup> pipe, valve or fitting socket, assemble the joint in accordance with proper procedures, and the joint is restrained for working pressures up to 350 psi.

**The gaskets are available in sizes 3" - 24", and with a rating of 350 psi they will meet or exceed the capabilities of ductile iron pipe, valves and fittings. SURE STOP 350<sup>®</sup> GASKETS are NSF 61 approved, UL listed and approved by FM Approvals.** There is no need to use bolts, clamps, rods, thrust blocks or other restraining devices when you can use an easy push on restraining SURE STOP 350<sup>®</sup> GASKET. SURE STOP 350<sup>®</sup> GASKETS are produced and tested in accordance with ANSI/AWWA C111/A21.11, and have a 350 psi pressure rating. The gaskets have been successfully tested at a minimum of 700 psi to nationally recognized listing agency requirements, as witnessed by independent testing agencies (certificates available upon request).

### Application Notes ●●●●●

- 1. For ductile iron applications utilizing TYTON<sup>®</sup> pipe, valves, and fittings made to AWWA specifications.
- 2. In cold weather assembly maintain the temperature of the gasket above 40° F.
- 3. The socket of the joint should be clean and free of debris or significant corrosion.
- 4. Gasket should be properly seated in the bell socket.
- 5. Keep the pipe and joint in alignment during assembly. If installed out of alignment, the gasket can be pushed out of position, creating the potential for leaks or failure.
- 6. If deflection is wanted in the joint, deflect before fully inserting the joint.
- 7. Some extension of the joint will occur when pressurized. To avoid this, the joint should be pulled out after assembly to "set" the stainless steel teeth in the inserted pipe.
- 8. Once assembled, the joint can be disassembled using steel shims.
- 9. When cut pipe are used, the following steps are required:
  - a. Ensure that the spigot end is properly beveled.
  - b. Mark the joint depth on the spigot so it is clear when the joint is fully inserted.
  - c. Ensure that the pipe meets the required dimensional tolerances, as follows:

Pipe Size (Nominal)	Circumference		Diameter	
	(Maximum)	Minimum	(Maximum)	Minimum
3"	12-5/8"	12-1/4"	4.02"	3.90"
4"	15-9/32"	14-29/32"	4.86"	4.74"
6"	21-7/8"	21-1/2"	6.96"	6.84"
8"	28-5/8"	28-1/4"	9.11"	8.99"
10"	35-1/16"	34-11/16"	11.16"	11.04"

Pipe Size (Nominal)	Circumference		Diameter	
	(Maximum)	Minimum	(Maximum)	Minimum
12"	41-21/32"	41-9/32"	13.26"	13.14"
14"	48-7/32"	47-13/16"	15.35"	15.22"
16"	54-13/16"	54-13/32"	17.45"	17.32"
18"	61-13/32"	61"	19.55"	19.42"
20"	68"	67-19/32"	21.65"	21.52"
24"	81-7/32"	80-13/16"	25.85"	25.72"

- 10. Do not reuse SURE STOP 350<sup>®</sup> GASKETS, as they may have been damaged during any previous installation or during removal.
- 11. Do not use SURE STOP 350<sup>®</sup> GASKETS to conduct electricity through the pipe joint, as they could be damaged and fail.
- 12. Do not use SURE STOP 350<sup>®</sup> GASKETS in above ground applications.
- 13. Do not use SURE STOP 350<sup>®</sup> GASKETS with thick coatings on the pipe exterior.