

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



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



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1401 East 2000 South
Provo, UT 84606
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SURE STOP 350[®] GASKETS ●●●●●●●●●●



McWane's SURE STOP 350[®] GASKETS are a fast and easy way of restraining TYTON[®], TRIM TYTON[®], or TYTON JOINT[®] 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[®] 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[®] 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[®] GASKET. SURE STOP 350[®] 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[®] 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[®] GASKETS, as they may have been damaged during any previous installation or during removal.
- 11. Do not use SURE STOP 350[®] GASKETS to conduct electricity through the pipe joint, as they could be damaged and fail.
- 12. Do not use SURE STOP 350[®] GASKETS in above ground applications.
- 13. Do not use SURE STOP 350[®] GASKETS with thick coatings on the pipe exterior.