

# SURE STOP — PVC®

Patent Pending

**Fast &  
Reliable**

Restraining of TYTON JOINT®  
Fittings and Valves for  
PVC Pipe Applications



4" - 12"



APPROVED

NSF 61



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1757 Burlington Street East  
P.O. Box 2849  
Hamilton, Ontario L8N 3R5  
1-800-561-9931



# SURE STOP — PVC® GASKETS

Patent Pending

SURE STOP — PVC® Gaskets are a fast and easy way of restraining UNION TITE, TYTON®, TRIM TYTON®, or TYTON JOINT® fittings and valves. The gaskets are suitable for water, wastewater, fire protection and other related applications. Simply install the gasket in a UNION TITE fitting or valve socket, and assemble the joint according to proper procedure. The joint is now restrained for working pressures up to 305 psi. The gaskets are available in sizes 4" - 12". Refer to table below for pressure ratings. Gaskets will meet or exceed the capabilities of AWWA PVC pipe, valves, and fittings. SURE STOP — PVC® Gaskets are NSF 61 approved and listed by Factory Mutual. 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 — PVC® Gasket.

SIZE (Inches)	PRESSURE RATING		
	AWWA C-900		
	DR14	DR18	DR25
4	305	235	165
6	305	235	165
8	305	235	165
10	305	235	165
12	305	235 </td <td>165</td>	165

PIPE SIZE	CIRCUMFERENCE		DIAMETER	
	Nominal	Maximum	Minimum	Maximum
4"		15-9/32"	14-29/32"	4.86"
6"		21-7/8"	21-1/2"	6.96"
8"		28-5/8"	28-1/4"	9.11"
10"		35-1/16"	34-11/16"	11.16"
12"		41-21/32"	41-9/32"	13.26"

## INSTALLATION NOTES

- For PVC applications utilizing UNION TITE, TYTON, TRIM TYTON, or TYTON JOINT fittings and valves made to AWWA specifications.
- In cold weather assembly maintain the temperature of the gasket above 40° F.
- The socket of the joint should be clean and free of debris (excess paint, cement etc.).
- The gasket should be properly seated in the bell socket.
- Keep the pipe and joint in alignment during assembly. If installed out of alignment, the gasket can be pushed out of position thus creating the potential for leaks and failures.
- If deflection is wanted in the joint, deflect before fully inserting the joint.
- Some extension of the joint will occur when pressurized.
- When cut pipe is used, the following steps are required:
  - Ensure that the spigot end is properly beveled.
  - Mark the joint depth on the spigot so it is clear when the joint is fully inserted.
- Ensure that the pipe meets the required dimensional tolerances in the table above.
- Do not reuse SURE STOP - PVC GASKETS as they may have been damaged during any previous installation or during removal.
- Do not use SURE STOP - PVC GASKETS in above ground applications.



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UNION TITE, is a registered trademark of Tyler Union Waterworks. TYTON, is a registered trademark of U.S. Pipe and Foundry Company, 1-800-561-9931