



Electrosteel USA

09
EDITION



RJ Gasket

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PUSH **TITE** RJ Gasket

PUSHTITE RJ GASKET

PushTite RJ Gaskets are easy to install and conform to ANSI/AWWA C111/A21.11 requirements. A PushTite RJ Gasket's proven design and tough SBR-styrene butadiene rubber construction ensures a tight, fault-less assembly. PushTite RJ Gaskets made of alternative elastomers are available for special requirements. All PushTite RJ Gaskets are rated to 350 psi and offer an outstanding seal – suitable for water, wastewater, fire protection and other related applications. PushTite RJ Gaskets are available in diameters 4" to 24."





PUSHTITE RJ Gasket

KEY POINTS OF PUSHTITE RJ GASKET INSTALLATION

- Specific to PushTite Pipe, valves and fittings made to AWWA specifications.
- Joint surface of contact should be clean and free of debris.
- Performance depends on gasket being fully seated in socket.
- Deflection during assembly could cause the gasket to be pushed out of position, compromising seal. Maintain alignment during assembly.
- Any deflection should be applied before pipe is fully inserted into joint.
- To prevent extension once pressurized, joint should be “set” by pulling outward after assembly to engage gasket’s teeth.
- The following steps are required when cut pipe is used:
 1. Spigot end must be properly beveled.
 2. Joint depth of spigot should be clearly marked to indicate the joint is fully inserted.
 3. Using the chart below, confirm pipe meets the required dimensional tolerances.

NOMINAL SIZE	DIAMETER MIN	DIAMETER MAX	MAX JOINT DEFLECTION**	ASSEMBLY MARK LOCATION*	APPROX RADIUS OF CURVE PRODUCED BY SUCCESSION OF JOINTS	DEFLECTION OF 18 FT LENGTHS
4	4.74	4.86	5°	2 - 3/4	205 FT	19
6	6.84	6.96	5°	2 - 15/16	205 FT	19
8	8.99	9.11	5°	3 - 1/4	205 FT	19
10	11.04	11.16	5°	3 - 5/16	205 FT	19
12	13.14	13.26	5°	3 - 5/16	205 FT	19
14	15.22	15.35	4°	4 - 9/16	257 FT	15
16	17.32	17.45	4°	4 - 9/16	257 FT	15
18	19.42	19.55	4°	4 - 9/16	257 FT	15
20	21.52	21.65	2.5°	5 - 1/16	412 FT	9.5
24	25.72	25.85	2.5°	5 - 1/2	412 FT	9.5

- Dimensions in inches unless otherwise noted.
- * For full deflection application, insert spigot no deeper than the first assembly stripe.
- ** The pipe to be installed must be kept in straight alignment with the previously installed pipe or fitting during assembly. Joint deflection may be made upon completion of the assembly.

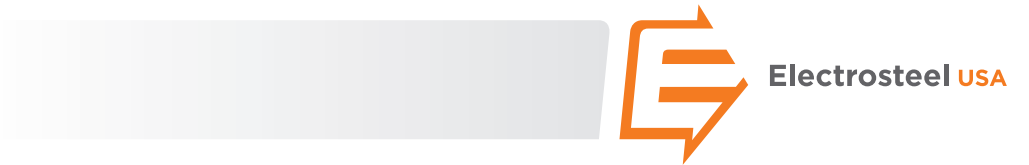




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KEY POINTS OF PUSHTITE RJ GASKET INSTALLATION | CONTINUED

- Once assembled, steel shims are needed to disassemble the joint.
- Previously used PushTite RJ Gaskets should not be reused, as they may have been damaged.
- PushTite RJ Gaskets should not be used to conduct electricity through the pipe joint, damage or failure may result.
- Avoid using PushTite RJ Gaskets in above ground applications.
- PushTite RJ Gaskets should not be used with pipes that have thick exterior coatings.
- PushTite RJ Gaskets should not be used in casings.



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