

ASTM D2241/IB Gasketed Integral Bell PVC Pressure Pipe Certification

ASTM D2241/IB Gasketed Integral Bell PVC Potable Water Pipe (sizes 1-1/2" through 16"; SDR 41, SDR 32.5, SDR 26, SDR 21, SDR 17, and SDR 13.5), provided by Westlake Pipe & Fittings, is manufactured in accordance with **ASTM D2241**. The PVC material conforms to a minimum cell classification of 12454 as defined by **ASTM D1784**. The pipe compounds are listed in **PPI TR-4** as a Standard Grade material with a Hydrostatic Design Basis (HDB) of 4000 psi. The standard pipe laying length is 20 feet with 40 feet and 42 feet lengths available in certain sizes.

Gasketed Integral Bell pipe products meet the requirements of **ASTM D3139**. Unless otherwise specified, all products are supplied with styrene-butadiene rubber (SBR) gaskets. Acrylonitrile butadiene rubber (NBR) and ethylene propylene diene monomer rubber (EPDM) gaskets are available as optional upgrades. All gasket material options meet the requirements of **ASTM F477**.

Potable Water Applications

Pipe supplied for potable water applications is white in color. The gaskets materials used by our vendors as well as Westlake Pipe & Fittings

ASTM D2241 potable water pipe products using those gaskets are listed by NSF International per the table below.

Gasket Material Option	Certifications of Gasket Material by Vendor		Certifications of Westlake Pipe & Fittings D2241 Pipe with Gasket Material Option	
	NSF 61	NSF 14*	NSF 61	NSF 14
SBR	All sizes & classes	All sizes & classes	All sizes & classes	All sizes & classes
NBR	All sizes & classes	All sizes & classes	All sizes & classes	All sizes & classes
EPDM	All sizes & classes		All sizes & classes	

* = Includes certification that gaskets meet the requirements of **ASTM F477**.

Sewer Applications

Pipe supplied for sewer applications is green in color and not listed by NSF International.

Reclaimed Water Applications

Pipe supplied for reclaimed water applications is purple in color and not listed by NSF International.

Westlake Pipe & Fittings ASTM D2241 products for potable water applications are listed by NSF International to meet **NSF 61** and **NSF 14**.

Certifications are based on the applicable edition of the referenced standard in effect on the date of manufacture. If we may be of further assistance, please contact Technical Services at technical@westlakepipe.com.

Sincerely,



Joshua E. Clapper
Director, Product Marketing, Marketing and Development

Reference Standards:

- **ASTM D1784** *Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds*
- **ASTM D2241** *Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series)*
- **ASTM D3139** *Standard Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals*
- **ASTM F477** *Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe*
- **NSF 14** *Plastics Piping System Components and Related Materials*
- **NSF 61** *Drinking Water System Components – Health Effects*
- **PPI TR-4** *HDB/HDS/SDB/PDB/MRS Listed Materials*