

PVC SOLVENT WELD SEWER PIPE & FITTINGS

PRODUCT INFORMATION BULLETIN

Longer Life Cycle of PVC System

IPEX offers an engineered integral PVC sewer and drainage system. PVC solid sewer pipe is used for the collection of domestic waste and storm water. PVC perforated sewer pipe is used for septic fields and foundation drainage. The solvent weld assembly method offers tight joints, eliminating infiltration, exfiltration and root infestation. A complete line of solvent weld sewer fittings is available for use with our pipe. IPEX PVC solvent weld pipe and fittings are available in nominal sizes from 3" to 6".

Standards

IPEX PVC Sewer Pipe is available in Standard Spec or third-party certified to CSA or BNQ and conforms to ASTM.

Features

While plastic pipe offers important advantages over other materials commonly used for sewer pipe, it introduces concepts of design and installation which are new to the sewer pipe industry.

No other pipe approaches BDS plastic pipe in terms of low weight per foot ration to strength. The light weight section reduce manpower needs, reduce equipment handling cost, handling and freight cost.

Long lengths, fewer joints and ease of assembly by the bell gasket joint system speeds project completion, requires no special training skills, no mechanical devices or special tapering tools, and eliminates the need for special lengths or nipples. Self-aligning, self-positioning permits quick installation under adverse weather or ground conditions. From an ecology standpoint PVC pipe requires low energy at the manufacturing stage.



Products manufactured by IPEX Inc.

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Advantages

The physical characteristics for plastic pipe in general are superior to any other material for non-mechanical applications.

A plastic sewer system costs less to operate and maintain because it has greater flow capacity per given size and fewer joints. The pipe is flexible enough to conform to shifts and setting caused by unstable soil conditions or traffic without cracking, breaking or opening of the joints.

The greater hydraulic efficiency of BDS pipe and manning flow coefficient of $N = 0.009$ results from its smooth inner wall, long lengths, and tight joints. It is not affected by sewer gases or sulfuric acid created as products of the hydrogen sulfide cycle or from aggressive soil conditions.

The preceding virtues eliminate build up of slime, slime bulk and sand which improves efficiency flow and discharge over traditional materials of equivalent size for the life of the sewer system.

The economic life cycle of a PVC sewer system is projected at more than 50 years.

About IPEX

IPEX is a leading supplier of thermoplastic piping systems. We provide our customers with one of the world's largest and most comprehensive product lines. All IPEX products are backed by over 50 years of experience. With state-of-the-art manufacturing facilities and distribution centers across North America, the IPEX name is synonymous with quality and performance.

Our products and systems have been designed for a broad range of customers and markets. Contact us for information on:

- Plumbing and mechanical piping systems
- Industrial process piping systems
- PVC, CPVC, PP, ABS, PEX, FR-PVDF, and PE pipe and fittings (1/4" to 48")
- Double containment systems
- Acid waste systems
- High purity systems
- Industrial, plumbing and electrical cements
- Municipal pressure and gravity piping systems
- PE Electrofusion systems for gas and water
- Electrical systems
- Telecommunications and utility piping systems
- Irrigation systems
- Radiant heating systems