

A Complete Double Containment DWV System



Drain-Guard™

Where Leaks are
NOT an Option



DOUBLE CONTAINMENT FOR CRITICAL DWV APPLICATIONS

A COMPLETE DOUBLE CONTAINMENT DRAINAGE SYSTEM – Enabling Improved Safety and Reliability in Drainage Applications

- Available in 1-1/2" x 4" to 12" x 16" (larger sizes available upon request)
- DWV drainage pattern fittings
- Corrosion resistant
- Easy to install
- Patented Centra-Lok™ Design minimizing potential for failures and leaks and reducing installation and maintenance costs



We build tough products for tough environments®



ENABLING IMPROVED SAFETY & RELIABILITY IN DRAIN, WASTE AND VENT (DWV) APPLICATIONS.

Your DWV applications can range from simple to demanding and back again. With over 50 years in the industry as leading suppliers of integrated thermoplastic systems, IPEX can offer you a solution no matter how complex your design or installation challenges.

Our Drain-Guard™ double containment piping systems provide safe transport of sanitary or storm drainage in critical areas. Should a leak occur, people, equipment and valuable property will be protected from possible harm.

Drain-Guard provides the secure environment necessary for piping in vital areas of a wide variety of buildings, including hospitals, museums, historical sites, libraries, art galleries, theaters, data centers, restaurants, and arenas.



THE PROBLEM

What would happen if there was a leak over a computer server room or a backup system causing significant loss of data? What if there was a drop of water on a rare Renaissance oil painting? What if there was a plumbing leak above a new grand piano in a resident's condominium? Insurance may cover the costs associated with ceiling and property repairs, but it cannot recover valuable user data and priceless artifacts.

APPLICATIONS INCLUDE



- Healthcare/Hospital Use
- Laboratory Applications
- High-Tech & Data Storage Environments (Network & Server Rooms etc.)
- Museums & Libraries
- Historical Sites
- Theaters, Restaurants (Public areas)
- Residential Buildings
- and more...

THE SOLUTION

Using our double containment piping system avoids all of these problems. When a leak from a primary DWV pipeline occurs in a double containment system, the fluid is safely and completely contained by the secondary DWV pipe.

Secondary DWV Pipe

Primary DWV Pipe



FEATURES & BENEFITS



CERTIFICATION

Both the carrier and containment pipe components of Drain-Guard are certified to applicable ASTM standards and listed by third party agencies.



LOWER CONDENSATION POTENTIAL

Drain-Guard prevents damage due to condensation, because it possesses superior thermal properties compared to cast iron. The outer secondary DWV pipe safely contains any possible condensation that may occur on the exterior of the primary DWV pipe, protecting the surrounding area from condensation damage. In addition, storm water lines may not require insulation.



IMPROVED FLOW

The larger inside diameter and lower surface roughness factors of Drain-Guard, compared to those of cast iron DWV systems, ensure a noticeably higher flow capacity – Drain-Guard exhibits improved performance with low flow water closets.



DRAIN-GUARD™ ADDED PROTECTION

Drain-Guard™ is a welcome addition to our Guardian™ family of the Double Containment Systems. The many performance benefits of thermoplastic DWV piping are enhanced by this dual pipe concept.

The Centra-Guard™ Leak Detection System Provides

- Instantaneous leak detection
- Non-intrusive, re-usable capacitive proximity sensors with sensitivity adjustment
- NEMA 4X enclosed microprocessor control panel with audible and visual alarms
- LCD screen continuously reads system status and reports alarms
- HMI push buttons allow for history, status, and test screens to be accessed
- Multi-level password protection
- Standard output relay for direct communication with plant control systems



Contact IPEX to discuss how Drain-Guard can enhance the protection of critical areas on your next project.

SALES AND CUSTOMER SERVICE

IPEX USA LLC.

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About the IPEX Group of Companies

As leading suppliers of thermoplastic piping systems, the IPEX Group of Companies provides our customers with some of the largest and most comprehensive product lines. All IPEX products are backed by more than 50 years of experience. With state-of-the-art manufacturing facilities and distribution centers across North America, we have earned our reputation for product innovation, quality, end-user focus and performance.

Markets served by the IPEX Group of Companies include:

- Electrical systems
- Telecommunications and utility piping systems
- Industrial process piping systems
- Municipal pressure and gravity piping systems
- Plumbing and mechanical piping systems
- PE Electrofusion systems for gas and water
- Industrial, plumbing and electrical cements
- Irrigation systems
- PVC, CPVC, PP, PVCO, ABS, PEX, HDPE, PVDF and PE pipe and fittings

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A policy of ongoing product improvement is maintained. This may result in modifications of features and/or specifications without notice.

