

## DURAPLUS™ ABS INDUSTRIAL

IPEX offers a complete IPS (1/2" to 8") pressure pipe, valves and fittings system. This piping system is ideal for the following applications: :

- 'Mud' Systems – Topside (low pressure) operations
- Vacuum Systems (Drill cuttings transport)
- Deck Wash System – Supply & drainage
- Deluge Systems (Emergency showers/ eye baths)
- Chilled Water – Air conditioning
- Potable Water
- Black Water Drainage
- Compressed Air

### Duraplus™ Features :

- High Impact Strength
- Outstanding Ductility
- Wide Chemical Resistance
- Operating Range from -40°F to 140°F (-40°C to 60°C)
- Long Term UV Resistance
- Easy and Proven Joining Method
- Competitive Installed Cost
- Also available in metric sizes upon request



### Approvals

IPEX has met the requirements of the American Bureau of Shipping (ABS) Product Type Approval and has been awarded a Certificate of Type Approval (RQS) for our Duraplus™ Industrial ABS system of pipes, fittings and valves.

Metric Duraplus™ Industrial ABS is also available with the following approvals:

- Det Norske Veritas – Norway (DNV)
- Germanischer Lloyd – Germany
- Lloyds LR Type Approval – UK

## Current Users of Duraplus™ Industrial ABS

- Our ABS has been specified for use on Black and Grey water drainage applications on drilling platforms operated by Transocean Sedco Forex, Diamond Drilling and KCA Drilling. KCA has also utilized our ABS for mud handling and drill cuttings transport.
- Duraplus™ Industrial ABS is used in numerous applications in the accommodation unit operated by ADMA-OPCO on Das Island.
- There are many applications where Duraplus™ Industrial ABS is the winning choice. Some of which include FPSO's (Floating Production Storage & Offloading) units and TLP's (Tension Leg Platforms).
- Offshore accommodation modules (Floatels) also benefit from Duraplus™ Industrial ABS. One of the biggest manufacturers, Emtunga in Sweden, builds units to accommodate up to 500 people. The Duraplus™ Industrial ABS is used to collect and convey black and grey water to the treatment area prior to discharge.

## Advantages of Duraplus Industrial ABS

- **Lightweight** – Duraplus Industrial ABS material is 1/8 the weight of steel and 1/5 the weight of copper.
- **Simple, reliable joining method** – Solvent cemented joints can be made quickly and easily without expensive equipment or certifications. Flanging, grooving and threaded joints are also possible.
- **Wide range of pressure and temperature capabilities** – Operating pressures from drainage up to 230 psi and temperature range from -40°F to 140°F (-40°C to 60°C) make this product suitable for the harshest environments.
- **Lower installation costs** – Duraplus Industrial ABS is less expensive to install because of its simple joining methods – its lightweight and ease of handling.
- **Lower maintenance costs** – Duraplus Industrial ABS has excellent chemical resistance, corrosion resistance and impact resistance resulting in a piping system that lasts longer.
- **No heat, no sparks, no open flames** – Pipe can be joined to fitting without the necessity of heat.

## About IPEX

At IPEX, we have been manufacturing nonmetallic pipe and fittings since 1951. We formulate our own compounds and maintain strict quality control during production. Our products are made available for customers thanks to a network of regional stocking locations throughout North America. We offer a wide variety of systems including complete lines of piping, fittings, valves and custom-fabricated items.

More importantly, we are committed to meeting our customers' needs. As a leader in the plastic piping industry, IPEX continually develops new products, modernizes manufacturing facilities and acquires innovative process technology. In addition, our staff takes pride in their work, making available to customers their extensive thermoplastic knowledge and field experience. For specific details about any IPEX product, contact our customer service department (contact information is listed below).

### Contact us

Visit our website: [ipexna.com](http://ipexna.com)

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