

NEW PRODUCT SHOWCASE



IPEX CycleTough® IPS Piping Systems

PVC Pressure Systems
manufactured
to CSA and ASTM Standards

CycleTough™ Pipe
(40 mm – 600 mm), CSA B137.3,
ASTM D2241

Injection Molded Fittings
(40 mm – 200 mm), CSA B137.2,
ASTM D3139

CycleTough® IPS piping systems are specifically designed for irrigation systems and sewer forcemains. The constant cyclic surging that is associated with these applications demands a tough pipe, and more importantly, a specially engineered fitting.

Unlike many competing fittings, CycleTough 200 psi fittings are made with a long-life compound that extends service by 25%.

IPEX CycleTough systems are made with the same high-impact, engineered compound as our Blue Brute™ systems, and are tested to maintain the same high standards.

Proven in tough North American climates for over 50 years, IPEX PVC pipe systems have an established track record of performance.

Key Features:

- **New Square Bell Ends**

CycleTough IPS fittings feature square bell ends for easier installation to the pipe.



- **High Impact Strength**

CycleTough systems have a 2:1 safety factor for long-term pressures, and over 3.2:1 for occasional surges. CycleTough systems easily withstand surges over 600 psi.

- **Fittings Engineered Tough**

CycleTough fittings are engineered for versatility and reliability. Their unique design features extra material added for reinforcement to withstand the stresses imposed by tough irrigation and forcemain applications.

- **Iron Pipe Size Outside Diameters (IPSOD)**

CycleTough systems are made with an IPSOD, which is the same outside diameter configuration as schedule piping and most steel process piping.

- **CycleTough Gaskets are Removable**

CycleTough's patented gasket system not only withstands many times the rated system pressure, but also withstands full vacuum pressures. CycleTough gaskets are removable allowing special oil-resistant (nitrile) gaskets to be easily installed when working in contaminated soils.

- **Third-party Certification**

All CycleTough systems are certified to CSA B137.2. Third-party certification verifies a system will perform as expected, meeting all applicable standards.

- **New Longer Pattern**

CycleTough IPS Repair Couplings offer industry-leading lengths to better accommodate installations with large gaps or uneven cuts.

Pressure Ratings and Burst Pressures

Size Range (mm)	Dimension Ratio	Pressure Rating (psi)	Minimum Burst Pressure (psi)
40 – 600	21	200	640
40 – 600	26	160	512
75 – 600	32.5	125	406
100 – 600	41	100	319