

# CYCLETOUGH®

## MUNICIPAL PRESSURE PIPING SYSTEMS

NEW PRODUCT SHOWCASE



### IPEX CycleTough® IPS Piping Systems

PVC Pressure Systems manufactured  
to CSA and ASTM Standards

CycleTough™ Pipe  
(1 1/2" - 24"), CSA B137.3,  
ASTM D2241

Injection Molded Fittings  
(1 1/2" - 8"), 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.



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## Key Features:



- **New Hammer-On Design**

CycleTough IPS fittings feature square bell ends, which provide additional contact surface area for mallets or hammers to ease installation and adjustments.

- **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	Dimension Ratio	Pressure Rating (psi)	Minimum Burst Pressure (psi)
1 1/2" - 24"	21	200	640
1 1/2" - 24"	26	160	512
3" - 24"	32.5	125	406
1 1/2" - 24"	41	100	319