

THE BENEFITS FLOW ON



TYTON 2100 SERIES

Ductile iron pipeline systems
Products & services

tyco / Flow
Control

tyco
Water

TYTON 2100 SERIES

The TYTON 2100 Series is the latest product release in a number of exciting developments, which will take TYTON ductile iron pipeline systems well beyond the 21st century.

Over the past 40 years, there have been many significant developments in TYTON Ductile Iron Pipeline Systems covering the full spectrum of materials, manufacturing, quality assurance, products, services, feedback systems, design, distribution, along with handling & installation.

TYTON 2100 Series packages a range of products and services, which are new or have significant enhancements. For example, production improvements focused on statistical process control have yielded greater consistency in all product attributes.

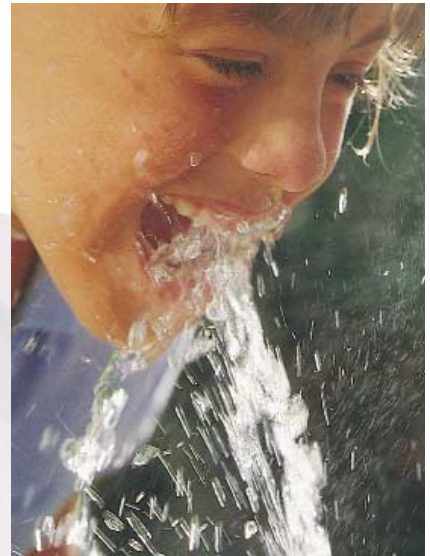
The result? Clearly defined, differentiated pipe classes designed to meet evolving water industry needs.

TYTONXCEL

Driven by pressure classification, **TYTONXCEL** is an exciting new concept in ductile iron pipe design reflecting



state-of-the-art manufacture and evolving water industry needs. By introducing pressure classes PN20 and PN35, **TYTONXCEL** provides



efficiency gains and cost savings without sacrificing the time proven superior performance capabilities associated with ductile iron pipeline systems.

TYTONXCEL delivers ...

... Increased bores • increased flows • reduced head loss • lower pumping costs,

... Decreased mass • more pipes per truck • faster laying

... Increased efficiency • reduced cost • more savings

TYTONXTREME

Gravity sewers are one of the toughest environments in the water game.

H_2SO_4 is a dark master. Other industries offer similar nasties, all handled by **TYTONXTREME**, including the extremes of pH and abrasion. It also carries extremes of pressure, from positive to negative, sealing in the nasties and keeping out infiltration. Peerless!

TYTONXTEND

When it comes to mine subsidence, embankment slippage, soil settlement or ground movements, **TYTONXTEND** is without comparison. Based on the quintessential TYTON® pipe joint, **TYTONXTEND** incorporates an extended socket throat, accommodating erratic and unpredictable ground strain in axial and rotational movement. The pipeline's integrity is preserved and that vital water or sewer line remains uncompromised.

TYTON-LOK

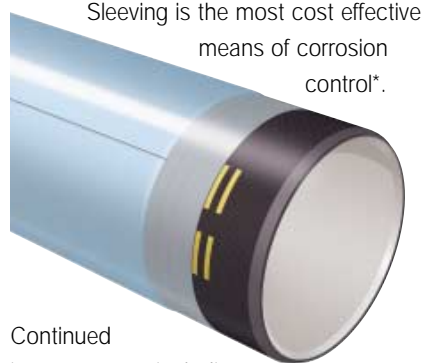
Would you like to eliminate thrust blocks? ... realise construction savings in time and materials? Imagine ... negotiating crowded service trenches, meeting impossible deadlines for hydrotesting,



avoiding late commissioning and the nightmare of weak soils that cannot bear any pressure.

All these challenges can be overcome with the TYTON-LOK restrained joint system. TYTON-LOK is the key to fast track design and construction of ductile iron pipeline systems.

BLUEBOSS



Continued improvements including the move to Linear Low Density Polyethylene, CENTURY PLUS and PIQS, have bolstered its reputation. Enter BLUEBOSS, the new generation of LPS. Formulated with metallocenes, BLUEBOSS is tougher, with higher tensile and impact strength combined with higher resistance to ultra violet radiation. This latest system offers even more security for ductile iron pipelines in creating an environment to stifle corrosion. An environment for a lifetime!

HYDROLINE®

Hydroline is a registered name for a family of linings that protect and enhance the bore of ductile iron pipe-line systems. They range from proven systems such as ordinary Portland cement and bituminous coatings to

new developments such as calcium aluminate cement and polymeric coatings for aggressive conveyants.

The bottom line of these developments has been reduced costs, increased benefits and increased customer satisfaction. Well, the story doesn't end there.

We're more determined than ever to communicate our latest developments to our customers and see that the benefits flow on.



Century Plus II

Installation is the life and death of a product. Unskilled installation exacerbated by poor Quality Assurance means the premature demise of a pipeline. Century Plus II is a powerful combination of Century Plus further reinforced by PIQS, a Pipeline Installation Quality System, and a public register of Century Plus accredited pipe layers. There is no equal in the water industry.

* 'Polyethylene Encasement – Effective, Economical Protection for Ductile Iron Pipe in Corrosive Environments.' Ductile Iron Pipe Research Association, POLY.TECH 2000

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