

PUSH AHEAD

IZIFIT

A PUSH ON DUCTILE IRON FITTINGS SYSTEM

FOR FAST TOOL-FREE INSTALLATION OF HDPE AND BLUTOP® DUCTILE IRON PIPE

RESTRAINED OR UNRESTRAINED OPTIONS PN 16 RATED & READY TO INSTAL IZIFIT® FITTINGS

DESIGNED FOR FAST, EASY INSTALLATION



PUSH AHEAD ELIMINATE FUSION AND BUTT WELDING

The IZIFIT range of ductile iron couplings is an innovation from Saint-Gobain PAM.

This unique range of universal fittings suits both HDPE and BLUTOP® ductile iron pipe systems transporting potable water under pressure.

Pipes can be restrained or unrestrained simply by insertion of an anchor gasket, which features stainless steel inserts, or a non-anchor gasket.

IZIFIT joints have been designed and tested in accordance with very stringent methods and standards (NF T 54-948-2010 for PVC-B0 and EN 12842-2012 for PE and PVC-U).

Special tests are performed at Saint-Gobain PAM to guarantee unrivalled reliability.

QUICK

Ready to install fittings with selected gaskets

Assembly of fittings and valves with no bolts or tightening

Complete work schedules quicker

EASY

Integral handle for the fittings

Assembly by hand or leverage

Light weight reduces manual handling risks

UNIVERSAL

A unique product for both HDPE and BLUTOP ductile iron pipes

Anchored or non-anchored

INNOVATIVE

The seals and the restraining system were designed in France by Saint-Gobain PAM.

The unique technology developed and patented by Saint-Gobain PAM enables an allowable operating pressure of up to 16 bar.

IMPROVING EFFICIENCIES WITH FASTER, EASIER HDPE AND BLUTOP® DI PIPE INSTALLATION

A DURABLE SYSTEM

The 250µm blue epoxy coating, the stainless steel and the high-quality EPDM elastomer afford excellent resistance over time.

LIGHT. EASY TO HANDLE

Designed with an integral handle, IZIFIT® fittings are lightweight and portable. They make adjustment work much easier.

MANUAL LEVERAGE ASSEMBLY

The IZIFIT junction has been specially designed to minimise the force needed for assembly. The integral handle and the multiple contact points on IZIFIT fittings make assembly easy using leverage.



TOLERANCE AND FLEXIBILITY

The angular deviation tolerated by the IZIFIT fittings is 6° regardless of the gasket used. The axial clearance tolerated by the joints enables the pipes to accommodate ground movements while absorbing the corresponding mechanical stresses.

APPLICATION IN ALL SOIL TYPES

The fittings in the IZIFIT range can be buried in all soil types.

QUALITY, STANDARDS AND CERTIFICATES

QUALITY MANAGEMENT

The Saint-Gobain PAM quality management system complies with standard ISO 9001 for the design, manufacture and marketing of the IZIFIT range. The compliance of this quality management system is certified by a third party.

ENVIRONMENTAL MANAGEMENT

The production sites for the fittings in the IZIFIT range are ISO 14001 certified.

IZIFIT fittings are also WSAA appraised and suitable for tough Australian conditions

IZIFIT FITTING WITH RESTRAINING GASKET FOR HDPE PIPE



IZIFIT FITTING WITH RESTRAINING GASKET FOR BLUTOP® PIPE



PURPOSE DESIGNED GASKETS NO REINFORCING SLEEVES REQUIRED

FASTER, EASIER PIPE INSTALLATION WITH IMPROVED LAYING EFFICIENCIES

IZIFIT® fittings can be fitted with restraining gaskets or non-restraining gaskets, making on-site installation easier and helping work to stay on schedule. Saint-Gobain PAM recommends always the use of restraining gaskets for HDPE pipes.

SAVING TIME AND MONEY

The restraining system with metal inserts moulded into the EPDM elastomer enables quick and easy installation of fittings and eliminates the need for concrete thrust blocks.



STAINLESS STEEL INSERTS FOR RESTRAINED HDPE PIPE INSTALLATIONS

WHITE INSERTS FOR UNRESTRAINED BLUETOP DI PIPE INSTALLATIONS



IZIFIT BENDS

90°, 45°, 22½°, 11¼°



IZIFIT COLLARS

Non-sliding

IZIFIT TAPERS

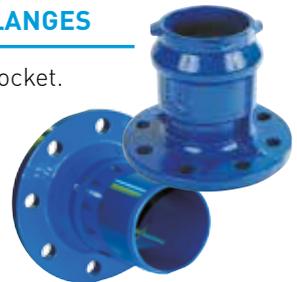
IZIFIT TEES

Socket-socket-socket.
Socket-socket-flange.



IZIFIT FLANGES

Flange-socket.
Flange-spigot.



INNOVATIVE GATE VALVES RELIABLE DESIGN WITH RESILIENT SEAT

COMPLEMENTING THE IZIFIT RANGE OF FITTINGS. DN 75–160

The EURO 20® gate valve has a unique design and offers long-lasting service, comfortable handling and maximum safety (autoclave system).

This minimum weight ductile iron gate valve, is coated with blue epoxy powder (250 microns). The bolt-free pressure seal autoclave gives this product excellent resistance to corrosion. The cold-forged stainless steel screw and the gate with sliders improve its longevity by reducing friction. The bearing can be replaced under pressure, and the EURO 20 gate valve remains efficient even when it has not been in operation for a long period of time. This product is ergonomic and easy to install, making it one of PAM's leading valve solutions.

CERTIFICATION

AS/NZS 4020
Testing of products for use in contact with drinking water.

"Patented autoclave system. Superior corrosion protection"

OUTSTANDING PERFORMANCE

This innovative gate valve is designed for reliability and offers outstanding mechanical performance.

Low operating torque with cold forged operating stem and polyamide gate guides..

Bonnet water tightness achieved with hydraulics—no bolts. Patented autoclave system.

SERVICE DURABILITY

Superior corrosion protection provides a long service lifetime.

Absence of bolts and nuts with patented autoclave system.

Fully coated inside and out with 250µm blue epoxy.

Internal component materials selected for high abrasion and corrosion protection.



A LIGHTWEIGHT DI PIPE SYSTEM INTEGRATING DIRECTLY WITH HDPE

MATERIAL STRENGTH, LONGEVITY AND EFFICIENCY OF INSTALLATION



The BLUTOP® Pipeline System is a ground-breaking innovation from Saint-Gobain PAM, the world's leading manufacturer of ductile iron pipelines. Produced at Foug in France, in PAM's most technologically advanced factory, BLUTOP is the culmination of over 15 years of design and testing.

EXCEEDING EXPECTATIONS

The list of benefits of this pipeline system contributes to the products amazing capabilities: high mechanical strength; protection against aggressive soils; protection against aggressive water; lightweight handling; complete integration with polyethylene (PE) and features flexible restrained push fit joints for use with both ductile iron and PE, eliminating heavy thrust blocks and PE welding.

HIGH MECHANICAL STRENGTH

At the core of this advanced product is ductile iron. A material renowned for its inherent strength, ductile iron does not lose strength over time like many other materials.

BLUTOP also incorporates the very latest advancements in coating and lining technologies. With these key attributes BLUTOP will perform well beyond the expectations of any design criteria.

BIOZINALIUM ACTIVE PROTECTION

BLUTOP pipes are coated with BioZinalium®, a patented zinc/ aluminum (Cu) alloy which provides active corrosion protection. Even when damaged, the pipe is protected

AQUACOAT® ACRYLIC PORE SEALER



and can be laid in aggressive soils. Internally, Ductan®, a thermoplastic lining, provides protection against the most aggressive water. Head losses are reduced with combination of a large hydraulic cross-section and the perfectly smooth Ductan lined bore.

LIGHTWEIGHT FOR EASE OF HANDLING

The BLUTOP joint has also been specially designed to guarantee easy laying with a lower force requirement for assembly. Support points along fittings make for easy jointing along the correct axis plane. This unique design, perfected in close collaboration with several installers, allows for faster laying at reduced cost.



BLUTOP joints are rated at PN 25 (25bar) and have been rigorously tested in accordance with the criteria defined in the EN 545 Standard, in extreme angular deviation and dimensional tolerance conditions. Burst tests conducted on DN 110 products have yielded actual failure values in excess of 150 bar.

Water Services Association of Australia (WSAA) approved, BLUTOP is distributed by Viadux, who offer a full range of quality products for the water industry.





TOOL FREE DUCTILE IRON FITTINGS FOR HDPE & BLUETOP DI PIPE SYSTEMS

WWW.VIADUX.COM.AU

1300 VIADUX
1300 842 389

SALES@VIADUX.COM.AU

TOWNSVILLE
cct.sales@viadux.com.au

SYDNEY
ccs.sales@viadux.com.au

PERTH
ccp.sales@viadux.com.au

GOLD COAST
ccg.sales@viadux.com.au

MELBOURNE
ccm.sales@viadux.com.au

DARWIN
cd.sales@viadux.com.au

NEWCASTLE
ccn.sales@viadux.com.au

ADELAIDE
cca.sales@viadux.com.au

Please refer to our website
for local phone, fax and
location details

VIADUX PTY LTD PO BOX 1025, PARRAMATTA, NEW SOUTH WALES 2124 AUSTRALIA

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