BlackMAX® Stormwater Drainage Pipe Systems

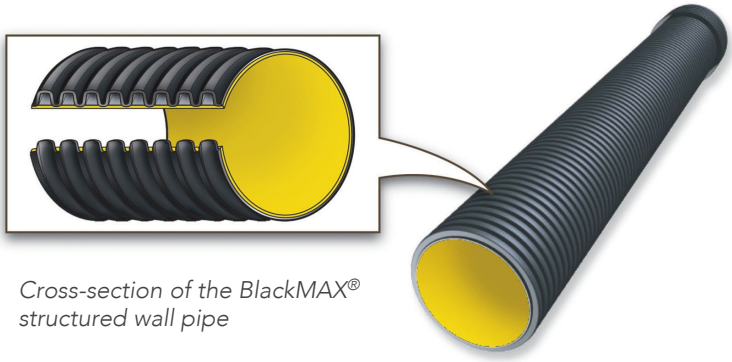
The cost-effective alternative to conventional drainage pipe materials, with improved hydraulic performance and exceptional durability.

BlackMAX® is an Iplex structured wall polypropylene pipe system designed for non-pressurised gravity drainage systems. The BlackMAX® storm water drainage range includes high quality fittings to enable full installation versatility during installation.

Applications

BlackMAX® pipes and fittings are suitable for the following applications:

- Stormwater drainage pipelines
- Road and highway drainage
- Road culverts
- Low head irrigation applications
- Slip lining existing corroded pipelines
- Leachate collection
- Stormwater retention systems



Cross-section of the BlackMAX® structured wall pipe

BlackMAX® Pipe Range

BlackMAX® pipes are manufactured in standard 6 metre nominal lengths.

DN	EFFECTIVE LENGTHS (mm)	APPROX. PIPE MASS (Kg/m)	SN (N/m/m)
225	6010	4	8
300	6020	7	8
375	6025	11	8
450	6030	14	8
525	6015	19	8
600	5910	25	8

Note: All diameters except for DN600 are supplied with ribbed sockets (Standard 3m lengths are also available upon request.)

Ready to learn more?

Please scan code or visit our website to learn about its technical specifications or talk to our sales team.

phone 13 10 86
iplex.com.au/blackmax

Comprehensive range of fittings for a complete pipeline system

A range of standard fittings in all sizes is available for use with BlackMAX® pipes.

BlackMAX® stormwater drainage fittings in sizes DN225, DN300 and DN375 are fabricated from PVC pipe sections with moulded socketed ends.

DN450, DN525 and DN600 fittings are fabricated from BlackMAX® (PP) pipe sections and are generally supplied with socketed ends for rubber ring jointing. Other configurations, such as spigot ends are also available upon request with separate pipe couplings for jointing.

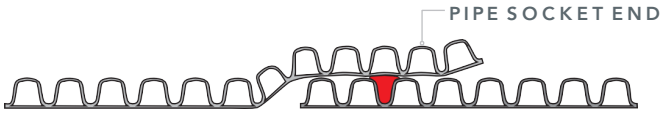
Repair clamps and jointing clamps are available from Iplex Pipelines providing a quick and permanent solution for repairing damaged BlackMAX® pipes or pipe jointing.

Jointing you can trust

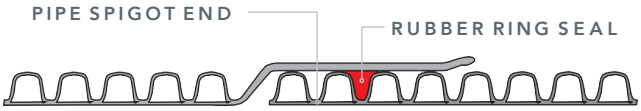
BlackMAX® pipes are manufactured with a high-performance spigot and socket rubber ring joint system for water tightness requirements in accordance with AS/NZS5065.

The elastomeric seal is placed in the second last trough from the spigot end and is compressed as the spigot enters the socket to seal the joint.

This system allows the installer to cut the pipe anywhere along the pipe barrel and make the joint.



BlackMAX® spigot & socket rubber ring joint assembly
DN225mm– DN525mm



BlackMAX® spigot & socket rubber ring joint assembly
DN600mm only

Features & Benefits

Toughness	The tough, ductile nature of polypropylene enable pipes to resist impact without damage
Abrasion and corrosion resistant	Polypropylene is resistant to acid sulphate soils with saline ground waters and handling of slurries in industrial and mining applications
Effective rubber ring joint	BlackMAX® pipe joints are water tight and easy to assemble during the joining process. Pipes can be cut to length on site and re-joined
Low embodied energy	BlackMAX® is recognised for its sustainability and environmental benefits
Inground performance	The tough ductile nature of polypropylene BlackMAX® can accommodate pipe deflections and soil movement without structural damage
Smooth bore for hydraulic performance	The smooth inner bore of BlackMAX® pipes enables excellent hydraulic performance. This can result in reduced grades to accomplish a given flow
Lightweight for ease of installation	BlackMAX® pipes can be easily manoeuvred by hand or with light equipment improving handling and efficiency. This can result in saving time and costs during installation.

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We Know Water