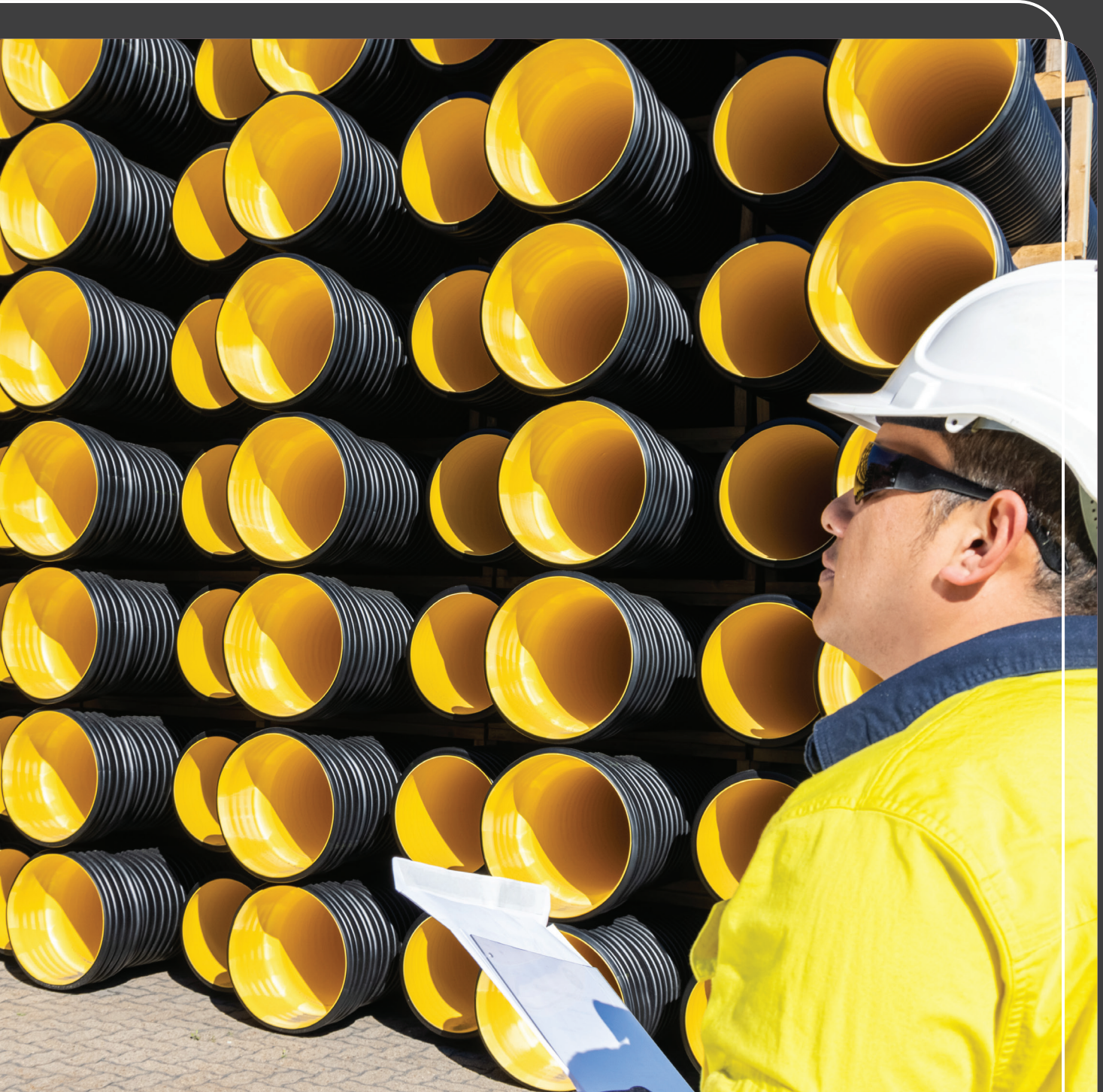


iplex® BlackMax®

Stormwater Drainage Pipe Systems

The cutting-edge stormwater management solution engineered for durability, efficiency and sustainability, setting the stage for generations to come.





BlackMax makes perfect sense now and into the future.

BlackMax is an Australian-manufactured structured wall polypropylene pipe system designed for non-pressurised gravity drainage systems. The extensive BlackMax range includes high quality fittings to provide your complete stormwater pipeline solution.

We were the first to introduce dual-wall polypropylene to Australia in the early 2000s with BlackMax stormwater and SewerMax® sewer systems.

And we continue to provide customers with a superior pipeline solution that ensures the completion of projects quickly, efficiently and safely, now, and in the future.

Applications

BlackMax pipes and fittings are suitable for the following applications:

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

BlackMax Product Range

Product Code	DN	Effective Lengths (minimum)	Approx pipe mass (kg/m)	SN (N/m/m)
GR8225	225	6000	4	8
GR8300	300	6000	7	8
GR8375	375	6000	10	8
GR8450	450	6000	14	8
GR8525	525	6000	16	8
GR8600	600	5910	22	8
GR8750	750	6160	31	8
GR8900	900	6000	43	8
GR81000	1000*	TBA	TBA	8
GR81200	1200	5950	78	8

Note: All diameters up to DN525 supplied with ribbed sockets. Sizes from DN600 supplied with cuff socket.

*DN1000 coming soon – for more information contact our team.



Features & benefits

Built to last

- Water tight joints to resist leakage and tree root intrusion
- Corrosion and abrasion resistant
- Available in 6m nominal lengths reducing the number of joints

Sustainable foundation

- Complies with Australian Standard AS/NZS 5065 "Polyethylene and polypropylene pipes and fittings for drainage and sewerage applications"
- Backed by an independently verified [Environmental Product Declaration](#)¹

Efficient water movement

- Superior hydraulic capacity
- Increased flow rates
- Minimised risk of deposit formation²
- Allows flexibility in design and construction

Easy installation

- Range of sizes and fittings for diverse environments
- Easy to transport and lift because of the lightweight nature

Safer to use

- Fewer hazards posed during transport and on-site movement
- Produces no silica dust on repairs/maintenance protecting works and mitigating health risks

Expert support

- The original Australian manufacturer of large bore twin wall polypropylene pipes
- A team of dedicated technical sales engineers

¹ EPD currently applies to BlackMax polypropylene pipes manufactured in Brisbane

² Manning's friction coefficient is 0.009 for BlackMax vs 0.013 for concrete.



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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 are fabricated with moulded socketed ends.

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 providing a quick and permanent solution for repairing damaged BlackMax pipes or pipe jointing.

Joint integrity you can trust

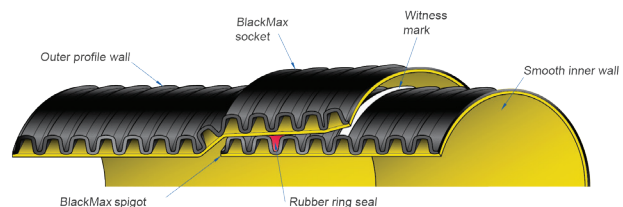
BlackMax pipes are manufactured with a high performance spigot and socket rubber ring joint system.

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.

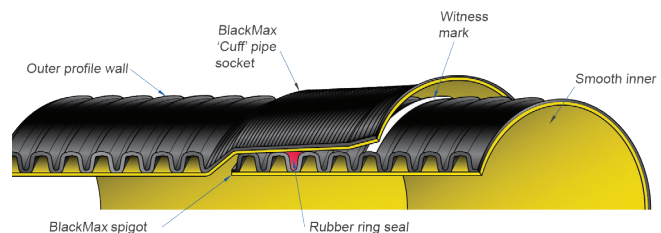
This system allows the installer to cut the pipe anywhere along the pipe barrel and make the joint with the same rubber ring seal.

The BlackMax rubber ring joint has been designed and tested to comply fully with all of the requirements in the Australian standards.

Cross section of the BlackMax structured wall socket and spigot DN225 - DN525



Cross section of the BlackMax structured wall socket and spigot DN600 - DN1200



Ready to learn more?

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

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