



GMA GARNET GROUP

when your abrasive matters!

GMA GARNET™

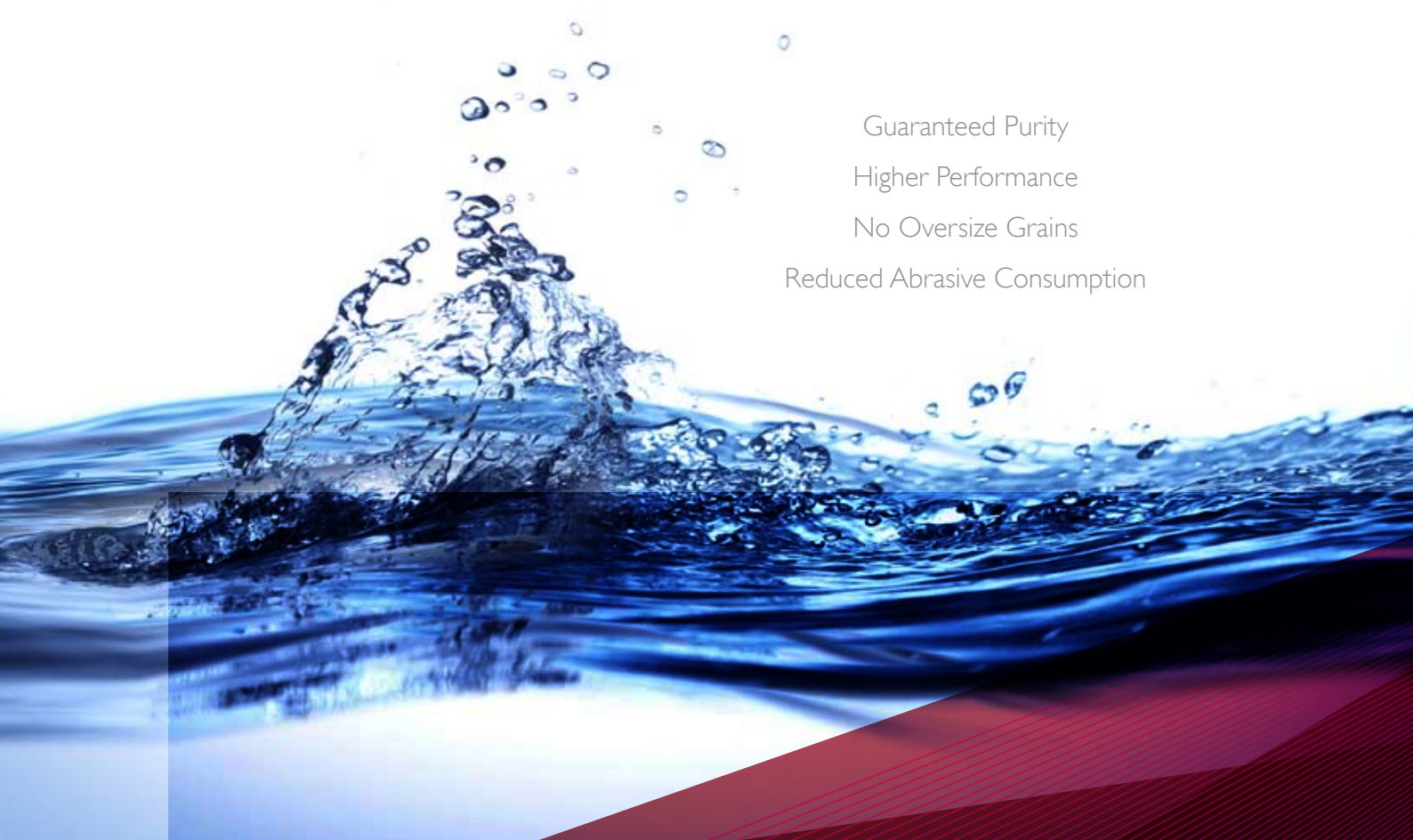
Waterjet Cutting Abrasive

Guaranteed Purity

Higher Performance

No Oversize Grains

Reduced Abrasive Consumption



Industry Standard

Superior Performance Abrasive



The **GMA Garnet Group** (GMA) is the global market leader of high quality waterjet cutting garnet abrasives.

Mining and processing facilities are located approximately 500km north of Perth, Western Australia. Our head office is located in Perth, Western Australia and regional distribution centres are located in Hamburg and Frankfurt (Germany), Manchester (UK), Dubai (UAE), Jubail (Saudi Arabia), Houston (USA) and many more regional sales locations and distributors around the world.

GMA owns and operates the world's largest mining and processing facility of industrial garnet. GMA Garnet™ is processed to the highest quality, with strict in-house and external quality control at every stage of processing, grading, packaging and transportation. This ensures a constant high quality standard from the mining or processing right through to the end user.

'GMA Garnet™ is known for its superior hardness, abrasive ability & is free of any heavy metals or toxic compounds'

GMA Garnet™ is certified under ISO 9001:2000 Quality Management Systems, demonstrating our commitment to product quality and customer service. It is also certified under ISO 14001:2004 Environmental Management Systems demonstrating our commitment to the environment with a socially responsible production process.

GMA Garnet™ consists of totally natural Almandine garnet known for its superior hardness and abrasive ability. It is free of any heavy metals or toxic compounds and meets all Occupational Health and Safety regulations and provides a perfect balance of grain shape (sub angular) size and density.



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Why GMA Garnet™

You've made a significant investment in your waterjet cutting equipment. With GMA Garnet™, you can be confident you'll maximise production and safeguard your investment.

GMA Garnet's™ world best processing ensures highest purity garnet and highly accurate sizing of grains. This ensures there is no dust or ineffective fine grains to restrict garnet free flow and no oversize grains to block focusing tubes. A steady flow of garnet to the focusing tube and no blockages allows uninterrupted production without downtime resulting in optimum efficiency and lowest production costs.

You can be confident that each delivery and each bag of GMA Garnet™ is up to the same highest quality standard that you would expect from the world's leading supplier of premium waterjet abrasives.

Millions of years of weathering means that GMA Garnet's™ hard and tough sub angular grains provide the perfect balance between cutting speed and edge quality with reduced wear and tear to equipment and in particular, the cutting head and focusing tube. The reduced wear and tear on components using GMA Garnet™ alluvial grains result in direct cost savings and longer service life.

High quality alluvial garnet does not contain any fracture lines that weaken the grain inherent with crushed garnet.

Waterjet Cutting Applications

GMA Garnet™ waterjet cutting abrasive grades are available to meet all of your specific project requirements. GMA Garnet™ is ideally suited for all applications including:

- ♦ Carbon steel
- ♦ Copper
- ♦ Granite
- ♦ Aluminium
- ♦ Rubber
- ♦ Glass
- ♦ Stainless steel
- ♦ FRP / CRP
- ♦ Marble
- ♦ Wood

Product Range

GMA Garnet™ offers a range of waterjet abrasives that matches any given cutting application:

GMA GARNET™ 50 or 60 Mesh

For high speed cutting which may deliver up to a 30% increase in cutting speed at reduced precision edge.

GMA GARNET™ 80 Mesh

The industry standard & most popular waterjet abrasive grade used worldwide is suitable for most cutting applications delivering optimum balance in cutting speed & precision edge.

GMA GARNET™ 120 Mesh

For high precision & minimum tolerance edge cutting requirements.

Perfect Combination

The various combination of GMA Garnet™ grades, focusing tube and orifice dimensions for optimum cutting performance.

	GMA Garnet™ Grade	Focusing Tube	Orifice
High Speed Cutting	50 mesh 600-200 micron	.050" 1.27mm	.016 - .018" .407 - .457mm
	60 mesh 400-200 micron	.040" 1.02mm	.014 - .015" .356 - .381mm
Precision Edge (Industry Standard)	80 mesh 300-150 micron	.030 - .040" .762 - 1.02mm	.010 - .014" .330 - .356mm
High Precision Edge	120 mesh 200-100 micron	.020 - .030" .508 - .762mm	.007 - .010" .178 - .330mm
Fine Precision Edge	200 mesh 50-150 micron	.020 - .030" .508 - .762mm	.007 - .010" .178 - .330m

Packaging

- ♦ 25kg (55lb) paper bags shrink wrapped onto a 1000kg (2200lb) or 2000kg (4400lb) pallet.
- ♦ Loose bulk form in 1000kg (2200lb) or 2000kg (4400lbs) bulk bag with an inner plastic liner on a pallet.

For more information,

write to sales@garnetsales.com or visit www.garnetsales.com

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