



GMA GARNET™ **WATERJET** **CUTTING ABRASIVE** **PRODUCT LINE**

Confidence in Every Cut

engineered to perform

The GMA Garnet™ Advantage

GMA Garnet™ is a strong, natural mineral that outperforms other garnets due to its unique properties and our advanced processing methods, refined over 40 years. Unique grain hardness, toughness, density, and angularity ensure perfect edge quality and low abrasive consumption on any material with a thickness of up to 30 inches.

HARDNESS

The harder the abrasive, the better it cuts. GMA's garnet is of the almandine variety — the hardest form of garnet.

DENSITY

A heavier, denser abrasive grain such as GMA Garnet offers better cutting force.

TOUGHNESS

Our garnet is less friable, meaning it does not fracture or shatter upon impact, resulting in a smoother, higher quality cut. GMA Garnet is up to 100% tougher than other garnets.

ANGULARITY

The subangular form of our garnet optimizes both the cutting speed and the quality of the finish.

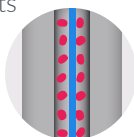


Engineered for precision cutting

GMA's range of waterjet cutting abrasives strikes the perfect balance of cutting efficiency and edge quality for results that improve production uptime.

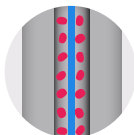
CONSISTENT GRAIN SIZING

Our processing methods ensure every bag contains the most precisely-sized grains of garnet, accelerating your production, and reducing the frequency of expensive parts replacement.



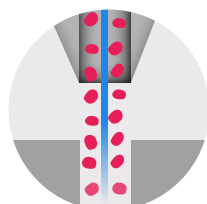
CLEAN & PURE

GMA's advanced processing methods produce the cleanest garnet for the cleanest, purest, dust free garnet for the best results and the highest productivity.



HARDNESS

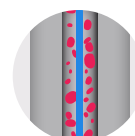
Soft, brittle and less density – will lead to slower, less effective cutting, with high abrasive consumption and poor edge quality.



GMA GARNET™

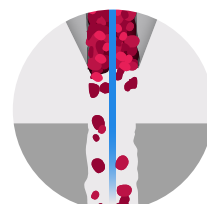
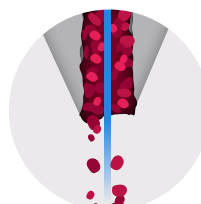
INCONSISTENT SIZING

Inconsistent grain sizing causes blockages, creating unsteady abrasive pressure and flow, fluctuating cutting speed, and poor edge quality.



IMPURITIES IMPACT PERFORMANCE

Dusty, dirty, or impure garnet impacts cutting performance, causes frequently blocked focussing tubes, or even damaging the parts being cut.



COMPETITOR PRODUCT



Selecting the right garnet for your operations

ClassicCut™ 80

ClassicCut™ 120

Product and Features

GMA ClassicCut, made from the highest quality alluvial garnet, is engineered for optimal finishing and cutting speeds across a wide range of materials. This versatile, all-purpose abrasive is ideal for general waterjet cutting and is recognized globally as the industry standard among waterjet manufacturers.

Cut Quality/Finish	Medium/High	High
Material Thickness	Medium	Thin/Medium
Cutting Speed	Medium	Medium
Focusing Tube	0.030" – 0.040"	0.020" – 0.030"
Orifice	0.010" – 0.014"	0.07" – 0.010"
Common Applications	Steel Stainless Aluminium Stone Hardened Steel Thick Cuts	Steel Aluminium Glass Stone Tile Ceramics
Industry	Aerospace Automotive Defense Metal Fabrication Stone Cutting	Aerospace Automotive Defense Metal Fabrication Stone Cutting Glass Cutting
Blend	Alluvial almandine garnet	Alluvial almandine garnet



Why is GMA Garnet™ the preferred waterjet abrasive?

Achieve the highest production rates and a perfect result on the first cut.



Proven performance

Engineered for precision, speed and uptime so you can cut cleaner, faster and more efficiently.



Sustainable resource

Responsibly mined and resource-efficient, GMA Garnet™ supports our customers for long-term sustainability, from mine to machine.



Pure precision

Precisely graded, High-purity garnet engineered for optimal flow, cleaner cuts and consistent performance across every job.



Secure supply

From mine to customer, we manage the process, ensuring uninterrupted access to the world's most trusted waterjet garnet.



Trusted expertise

Our team doesn't just supply garnet; they've cut with it. Technical support from experienced specialists who understand your projects, business and goals.



Longstanding partnerships

Trusted by leading waterjet manufacturers based on decades of proven performance.