

At a glance

We enable our customers to run their businesses efficiently and effectively by offering innovative Milling, EDM, Laser, Additive Manufacturing, Spindle, Tooling and Automation solutions. A comprehensive package of Customer Services completes our proposition.

www.gfms.com

Texturized shoe molds

High quality textures
without tool wear

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Texturized shoe molds

Creating high-quality textures in a reliable and repeatable way

To meet the growing demands of designers of footwear brands for increasingly fine and complex surface structures, GF Machining Solutions proposes a solution which helps to obtain a perfect replica of geometric and natural textures.

The process, based on GF Machining Solutions' knowledge of high-quality surface finishes, allows you to achieve various objectives. Your result: perfectly structured, fine textures and competitive lead times compared to conventional removal technologies.

GF Machining Solutions' Laser texturing technology is a completely digital and repeatable process that reduces manual operations, allows unlimited design flexibility and allows you to drastically reduce time to market—requests increasingly present in the footwear sector, especially by the most important brands.

Increase quality of fine and complex surface structures

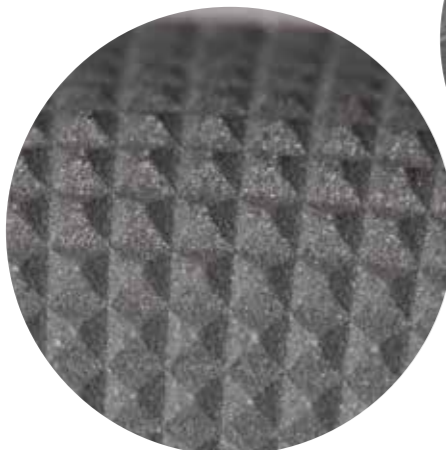
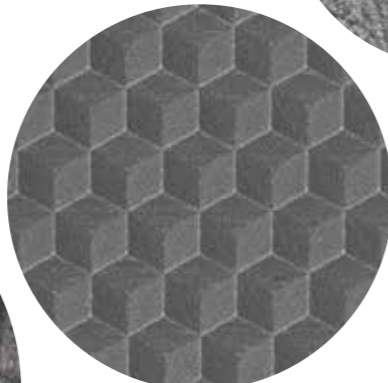
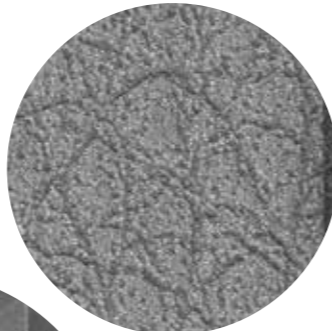
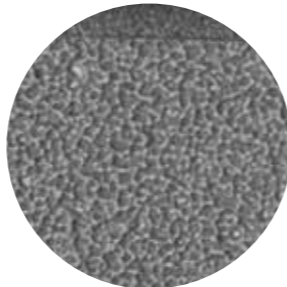
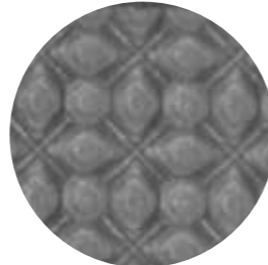
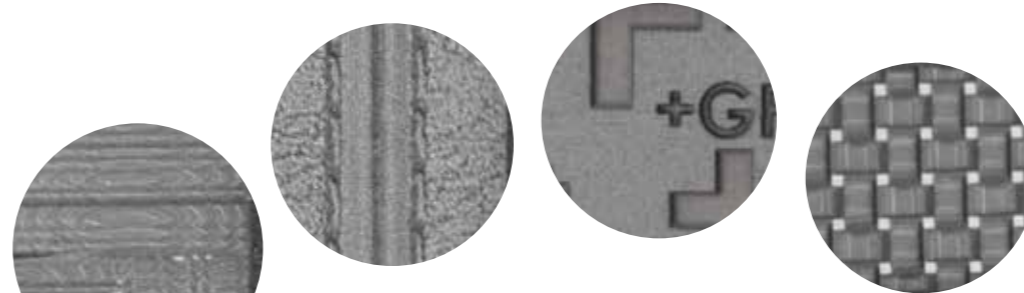
With GF Machining Solutions' Laser technology, you can improve the quality of the textures thanks to the innovative Laser source used. The dimension of the Laser spot is 0.05 mm (with 160 mm lens) and allows you to create fine and complex surface structures that are not possible with conventional technologies.

Digital and repeatable process

With the GF software included in our offer, you can easily access complete and dedicated solutions to apply textures to any surface. This digital approach helps you reduce manual operations and the need for specialized, manual expertise.

Freedom of design

Thanks to the characteristics of this Laser solution and its digital process, you are free to design and apply any kind of texture on any given part. The fully digital process enables you to propose innovative textures and finishes—one of the best ways to set yourself apart from the competition.



Reduce time to market

Traditionally, when you want to develop your own textures, you rely on subcontractors, which increases the lead time to provide the final parts.

With the GF Laser in-house, you are fully independent and you can speed up the processes in order to meet your customers' expectations.

No cutter tool needed

Say goodbye to tooling breakage problems and adopt a safe, reliable texturing process that will minimize your operating costs.

With the GF Laser technology, the cutting tool is the light beam, so there is no physical contact between the part and the tool.



Customer Services

Our Customer Services support you in your daily operations with tailored solutions for Operations Support, Machine Support and Business Support.



Operations Support

Application-specific consumables, tools and supply solutions



Machine Support

Dedicated preventive services packages optimizing your uptime



Business Support

Integrated processes and technologies as a solution with System 3R Automation and Tooling.

rConnect helps you reach Industry 4.0 targets



It brings smart manufacturing to your workshop, simplifying your life while ensuring ease of use and security.

- Increase your flexibility: The rConnect Customer Cockpit is the user interface for the machine operator, maintainer or operations manager. It enables central access to GF Machining Solutions' digital services and supports the operator in the daily maintenance of the machine.
- Improve your machine availability and increase its lifetime: Our Live Remote Assistance (LRA) provides you with direct and face-to-face access to our expert service engineers using the latest technology.
- Stay connected with your machine at any time, from your smartphone: The rConnect Messenger app gives you instant access to all machine park data such as machine status and programs on your smartphone.