



Complete Friction Solutions



“This will allow GMP Friction Products to achieve a **world class** sintered iron friction material, meeting the needs of coefficient of friction, wear and hardness **required for the race markets.**”



New Friction Product Improves Racers Edge by Increasing The Range Of High Performance

GMP Friction Products Increases Their Sintered Metals Mix Capabilities

GMP Friction Products is a company that is recognized throughout the world as an expert in manufacturing sintered iron materials. The sintering process bonds friction material to a steel core plate using heat and pressure applied in an inert atmosphere.

Recently, the company increased its capability to supplement their existing sintered product line. Focusing on sintered iron friction material, GMP Friction Products has installed a new machine to address greater capability to the manufacturing process and has updated the control system of their heat and pressure system to keep better statistical control.

Sintered iron friction is used in the racing clutch market: It is the friction material of choice by racers with high horsepower clutch applications including drag racers, higher performance automotive racing and truck/tractor pulling.

Why Sintered Iron Friction Materials?

Because sintered iron has the ability to withstand a certain amount of slippage and maintain its coefficient of friction it has become an industry standard in the racing industry. Racing clutches must handle extreme duty, high heat, and high energy.

To manufacture these sintered iron friction materials, GMP Friction Products has modified the design of their standard sintering base to increase pull pressure during sintering. This new furnace provides the capability of applying extreme pressure necessary to make a quality sintered iron friction material.

This new furnace means that different iron based friction formulas can be sintered and bonded that otherwise could not be sintered effectively using conventional method. This provides GMP Friction Products with the ability experiment and explore further into the world of friction material development. This new addition to the manufacturing process will allow them to achieve a world class sintered iron friction material, meeting the needs of coefficient of friction, as well as the wear and hardness required for the race markets.



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This new process, along with their long history of expertise, will lead to custom formulas to target exact customer needs, specifications and expectations never before available to the racing industry.

A friction matter must meet the exact requirements for each unique design, to enable the full potential of that design to be realized. GMP works proactively to effectively target solutions towards individual product specifications.

About GMP Friction Products

GMP Friction Products provides high performance friction materials for applications in controlling, stopping or transmitting power including clutch and brake applications. And they have specialized in creating sintered metallic friction materials since 1929.

Throughout their long history, commitment to developing and supplying top quality parts has been an uncompromising prerequisite for every product.

As the originator of powered metal-based friction materials, GMP Friction Products' innovations have helped to solve many complex challenges for customers in a variety of industries including: off-highway, industrial, aerospace, construction, agriculture, ATV, government and specialties markets.

For more information, visit www.GMPFriction.com.



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