



Molders Services, Inc.

MSI is a domestic manufacturer of injection-end components that also provides extensive consultative and expert problem-solving services.

4 Decades of Excellence

At MSI we combine nearly 40 years of in-plant diagnostics and troubleshooting experience in the plastics industry with unparalleled expertise in parts manufacturing and design.

Barrels



Industry-Leading Wear & Corrosion Resistance

- 100% American-made
- Re-sleeving available
- Finest first-world-sourced alloys
- Crafted using benchmark mfg. processes
- Centrifugally cast bimetallic liners available for extreme abrasion, high abrasion, & corrosive environments



MoldersServices.com



Made In America



Call Today 248.585.8120

MSI Barrels

For replacement barrels, it's all about durability, longevity and quality construction. It's about using 21st century manufacturing and not cutting corners with low-grade, substandard materials or outdated processes. Trust Molders Services to provide the right barrel for your application with assurance that you're getting the best you can buy, precision crafted in America for your equipment.

The structural shells of MSI barrels are made in America from first world-sourced micro-alloy steel. This assures maximum yield strength and a perfectly straight finished barrel after casting of the wear-resistant alloy liner. The liners are centrifugally cast using state-of-the-art induction heating processes to ensure the highest reliability without air gaps, hot spots, or liner detachment. MSI's barrels available in several alloys to suit a wide variety of applications. They are simply the longest lasting, most reliable barrels available on today's market.



Don't fall victim to inferior quality foreign made barrels. Why risk it?

The foreign-made barrels in these pictures were constructed using outdated processes and substandard materials. Two-piece construction, pressed-in liners, and third-world alloys are all what to expect out of imported barrels and all will lead to premature failures and your wasted money.



Three barrel types are available to meet your requirements:

Extreme Wear (Carbide):

This barrel type is absolutely essential for molding highly filled abrasive materials such as those containing 25+% of glass fibers or mineral fillers (calcium carbonate for example) and hard-to-melt materials like HMW-LDPE or LLDPE. These exceptionally durable barrels are made with tungsten carbide particles that are uniformly disbursed in a corrosion-resistant nickel-alloy matrix.

General Purpose:

These barrels are lower cost, yet still precision-crafted and long lasting. They are suitable for processing unfilled resins or try-out shops, mold builders, and other non-production molding environments. Made with a nickel-rich iron-boron alloy, the composition is strong, durable, high quality and guaranteed.

Extreme Corrosion:

Designed to withstand the most severely corrosive environments such as Fluoropolymer processing, these strong, dependable barrels are constructed with a nickel-cobalt liner, one of the most corrosion-resistant alloys in the industry.

Repairs and re-sleeving available!

Call Us Today
248.585.8120

Molders Services
1556 Telegraph Drive
Pontiac, Michigan 48340

