



ME PolyFIT® Rubber Mill Liners

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Custom Engineered Solutions for Every Mill

Tailored to Your Application:

At ME Elecmetal, we recognize that no two mills are alike. That's why our market-leading ME PolyFIT® rubber mill liners are custom-designed and precisely engineered to meet your mill's unique geometry, operating conditions, and performance targets. Whether you face specific challenges with mill power, trunnion bearing loads, weight restrictions, or grinding media charge volumes, our liners are tailored to maximize effective grind recovery and optimize overall mill performance.

Precision Engineering for Maximum Efficiency:

Each liner is designed with your mill's specific operating conditions in mind, ensuring maximum mill volume and efficiency. By aligning our designs with your exact specifications, we deliver solutions that enhance both performance and productivity.

Our design approach prioritizes fit, reliability, and flexibility—with liners available in a range of high-performance rubber compounds to meet the demands of your operation.

Why choose ME Elecmetal?

Extended Wear Life & Fast Installation

Our high-pressure molded rubber compounds offer unmatched abrasion resistance. Lighter than steel and easier to install, our liners reduce reline times and increase uptime.

Efficient Milling Operations:

Engineered for maximum wear resistance and resilience, our liners maintain their design profile longer than conventional compounds. This results in improved mill sealing, reduced slurry leakage and erosion, and more efficient conversion of power into optimal particle size reduction.

Lower Total Cost of Ownership:

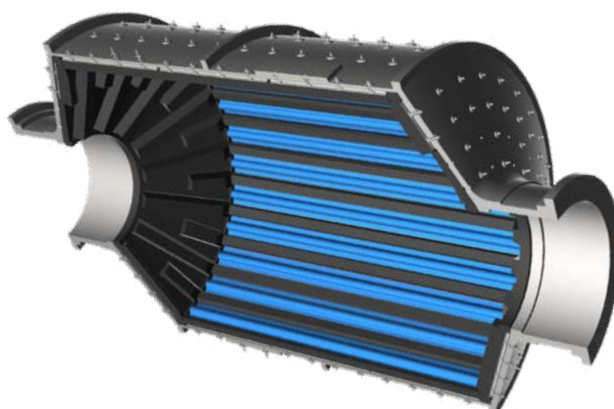
With extended wear life and balanced design across high- and low-wear zones, our rubber liners dramatically reduce replacement frequency, maintenance downtime, and overall operational costs. ME PolyFIT trials have demonstrated wear life improvements of over 11%, delivering significant cost savings.

ME PolyFIT® Applications:

Our ME PolyFIT rubber mill liners are used across a variety of grinding processes, including:

- Primary, Secondary & Tertiary Ball Mills
- Regrind Mills
- AG and SAG Mills
- Flue Gas Desulfurization (FGD) Mills
- Scrubber Mills
- Lime Mills

Full Ball Mill Assembly with Rubber Liners



Safety, Efficiency, Expertise and Support with ME Elecmetal Rubber Mill Liners

Safe and Easy Installation:

Our rubber and composite liners weigh 35-40% less than steel alternatives, making them easier and safer to handle. With precise dimensional components, timely delivery, and certified lifting points, installation is simplified and risks are minimized.

Increased Chamber Capacity:

Lighter liner systems increase chamber capacity, allowing for more throughput without compromising structural integrity.

Performance-Driven Designs:

Every ME PolyFIT® liner is backed by decades of global milling experience and engineering know-how, helping customers achieve:

- Enhanced throughput
- Improved mill availability
- Extended operating cycles

Support You Can Rely On:

From initial consultation to aftermarket service, ME Elecmetal is your trusted partner—delivering responsive support, continuous improvement insights, and performance optimization throughout your liner's lifecycle.

Benefits of ME PolyFIT® Rubber Mill Liners

Optimized Throughput Designs based on extensive experience enhance milling performance.	Reduced Maintenance Engineered to resist abrasion, extending maintenance intervals.
Enhanced Safety Improved installation and handling reduce on-site risks.	Cost Savings and Profitability Lighter components facilitate easier and safer installation.
Longer Product Lifecycle Extended operational lifespan compared to traditional liners.	Reduced Power Draw Lighter liners reduce overall power consumption.
Industrial-Strength Design Built to endure the most demanding environments.	Reduced Weight Approx. 35-40% lighter than comparable steel liners, reducing the load on the mill.
Increased Uptime Fast, easy installations lead to minimal downtime.	Reduced Noise Impact-absorbing rubber significantly lowers operational noise levels.
Optimization Options Designs based on extensive experience enhance milling performance.	Reduced Inventory Predictable wear rates streamline spare parts planning.
Exceptional Post-Sales Support Dependable service that maximizes uptime and sustained performance.	Improved Sustainability High-performing, long-lasting liners reduce waste and overall resource consumption.

Choose ME Elecmetal for a solution that not only meets but exceeds your operational needs. Our commitment to advanced engineering, safety, efficiency, and long-term cost savings makes us the ideal partner for every mill lining challenge.

Contact us today to discover how our ME PolyFIT® rubber mill liners can transform your milling operations.

"Installing ME Elecmetal rubber liners in our ball mills has led to measurable improvements in efficiency, reliability, and cost control."

- Maintenance Engineer, Southwest, US

