

Fiberglass Filters for the Foundry Industry

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We specialize in high-performance fiberglass filters engineered for the foundry industry. Available in standard fiberglass, ceramic-coated, and zirconium-coated variants, our filters offer exceptional thermal resistance and superior filtration for non-ferrous metal casting.

Filter Types Available

- **Plain Fiberglass Filters** - Cost-effective filtration for general foundry applications.
- **Ceramic-Coated Fiberglass Filters** - Enhanced thermal stability, suitable for higher temperature alloys.
- **Zirconium-Coated Filters** - Ultra-high-temperature resistance and chemical inertness for critical casting applications.

Applications by Alloy

Alloy	Recommended Filter Type	Key Benefits
Aluminum	Ceramic or Zirconium-Coated	Prevents oxide formation, improves flow quality
Brass/Bronze	Zirconium-Coated	Withstands high temp and aggressive melt chemistries
Zinc Alloys	Standard Fiberglass	Economical option for low-temp filtering
Magnesium	Ceramic-Coated	Thermal durability and low reactivity

Specification Sheet

Mesh Size	Weave Type	Temp Resistance	Available Coatings	Typical Use
32 LPI	Plain Weave	Up to 1400F (760C)	Ceramic, Zirconium	Aluminum, brass
36 LPI	Leno Weave	Up to 1650F (900C)	Ceramic, Zirconium	Bronze, high-temp alloys
40 LPI	Basket Weave	Up to 1650F (900C)	Ceramic, Zirconium	Molten copper, zinc
55 PPI	Tight Weave	Up to 1650F (900C)	Ceramic, Zirconium	Precision castings

Custom shapes, disc formats, and sock filters available upon request.

Why Choose Our Fiberglass Filters?

- **High Thermal Endurance**
- **Optimized Metal Flow and Turbulence Reduction**
- **Wide Range of Mesh Sizes and Weaves**

Fiberglass Filters for the Foundry Industry

- Available in Standard, Ceramic-Coated, and Zirconium-Coated Options
- Custom Shapes, Cones, Cups, and Socks Available

Industries Served

- Non-Ferrous Foundries
- Die Casting Shops
- Investment Casting Facilities
- Aluminum Processing Plants
- Specialty Alloy Foundries