



NEWS RELEASE

For Immediate Release
News for the Plastics and Rubber Industries

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Eriez® PM Rare Earth Grate-in-Housings Protect Plastic Processors



Erie, Pa. — Eriez' new, state-of-the-art [PM Rare Earth Grate-in-Housings](#) complement the wide array of grate magnets offered by Eriez®, a pioneer in permanent magnetic separation since 1942. PM Grate-in-Housings are ideal for removing fine ferrous contamination from plastic pellets, flake and regrind prior to the injection molding machine, extruder or compounding equipment.

PM Grate-in-Housings effectively help prevent costly equipment damage and downtime. They are indispensable for applications where product purity is crucial. Processors of regrind and fiberglass reinforced plastics are especially vulnerable to metal contamination. Strong magnets are essential in these materials to not only capture the ferrous contaminants, but to hold the metal, despite the force of constant material flow through the magnet housing.

John Collins, Eriez Product Manager—Plastics and PolyMag®, explains, “The Grate-in-Housings’ powerful magnets remove fine ferrous material that can plug tiny valve gates and screens, or damage calendar rolls.” He adds, “PM Grate-in-Housings even capture and hold pellets with encapsulated ferrous particles.”

Ferrous contaminants can cause equipment and mold damage, which can stop production and reduce revenue. Eriez PM Grate-in-Housings keep plants running with maximum uptime and profits.

The magnets are offered in three standard housing sizes to suit specific application requirements. Eriez PM Grate-in-Housings features:

- Stainless steel housing
- Slide gate to shut off material flow
- Two banks of the industry's strongest Rare Earth permanent magnets with 250 F temperature capability
- Custom inlet and outlet sizes
- Custom fabricated flange mounting holes or studs
- Clear door with quick release wing nuts

Customers who want to check the magnetic strength of their current magnets can contact Eriez to arrange for a magnet specialist to visit their facility to pull test their permanent magnets **free of charge!** When the inspection is complete, Eriez will report its findings with the original values (if available) and values for new magnets.

To arrange a free magnet pull test, contact Eriez. For more information on Eriez PM Grate-in-Housings, visit <http://www.eriez.com/Products/Plastics/GrateMagnetsPlastics/PMgrate/> or contact Eriez and request brochure SB-204.

Eriez is recognized as world authority in advanced technology for magnetic, vibratory and inspection applications. The company's magnetic lift and separation, metal detection, x-ray, materials feeding, screening, conveying and controlling equipment have application in the process, metalworking, packaging, plastic, recycling, rubber processing, mining, aggregate and textile industries. Eriez manufactures and markets these products through ten international facilities located on six continents. For more information, call toll-free (888) 300-ERIEZ (3743) within the U.S. and Canada. For online users, visit www.eriez.com or send e-mail to eriez@eriez.com. Eriez World Headquarters is located at 2200 Asbury Road, Erie, PA 16506.

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