

“We improved plant safety with Lava-Shield™.”

– Greg Johnson
Injection Mold/Production Supervisor
Mahle Filter Systems North America

SITUATION

Mahle Filter Systems North America is a leading global supplier to the OEM and aftermarket automotive industry. Greg Johnson, Injection Mold/Production Supervisor at the company’s Murfreesboro, Tennessee facility, was searching for a safer method to handle molten hot purges from their injection molding machines. **His primary goals were to improve operator and site safety using a more consistent approach to capturing purges.**

The Mahle facility runs 57 injection molding machines, ranging in tonnage from 220 up to 1,000 tons, processing various grades of Nylon and Polypropylene.

Previously, operators were using waste corrugated paper from cartons or gaylord lids from the shop floor. This resulted in a very inconsistent practice for handling hot purges and exposed operators to unwarranted risk of injury during the purging phase of operations. Using gaylord lid paper also exposed raw material to potential contamination from exposure.

SOLUTION

Greg ordered Lava-Shield protective purge guards to create a safe, reliable and consistent “best practice” for the molding operation.

“Lava-Shield™ has many benefits for us including the fact that the guards are reusable and recyclable,” Greg explained. “Most importantly, they are safe and customizable for our specific needs. Protecting our associates and our facility are our primary responsibilities and this product really helps us deliver on that.”

RESULTS

- Greg now has Mahle running with a consistently safer operating procedure. Mission accomplished as they are purging smarter!
- Non-stick protective coating on Lava-Shield™ protects their valuable plastic purges from contamination.
- Shields can be used up to five times and are naturally safe to recycle with other paper.



Greg Johnson has created a safe, reliable and consistent “best practice” for molding operations at Mahle.



Safe • Customizable • Reusable • Recyclable

Purge Smart.™

LAVA-SHIELD

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