

LIGHTNING FAST, SPECIALIZED CAP & CLOSURE SYSTEM

Optimized for reliable high speed molding, Sprint systems are capable of <2 second cycle times, fast color changes, and low energy consumption. A range of special features ensures highest production quality while minimizing downtime. Now includes MasterSHIELD Technology as standard for enhanced leakage protection.

KEY FEATURES

SPRINT NOZZLES

- Excellent thermal profile (10% Max Variation*).
- Enhanced process repeatability.
- Produces high quality parts and minimizes scrap.
- **NEW** MasterSHIELD Leak Protection Technology.

HOT TIP THERMAL GATE SEAL

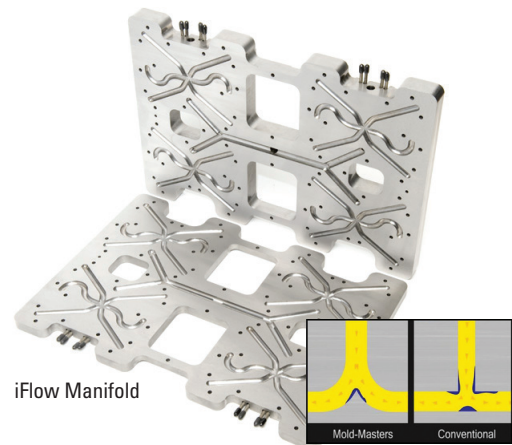
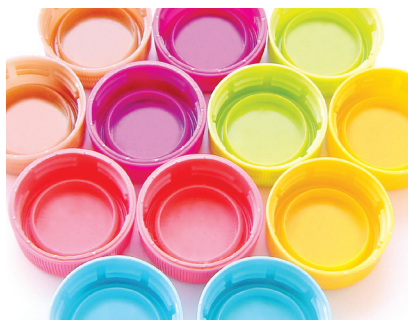
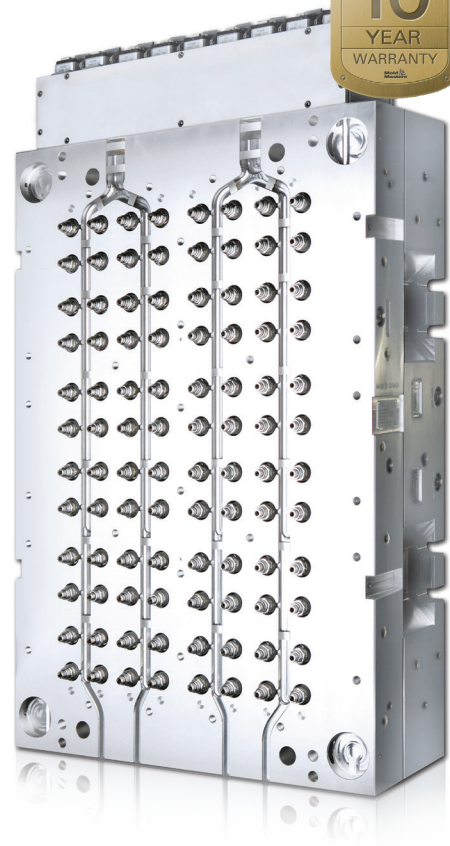
- Industry standard cut-out and bubble.
- Optimized for high-speed molding.
- Excellent gate quality.
- High durability extends service life.
- 1 Year (3M Cycle) Warranty.

BRAZED HEATER TECHNOLOGY

- Superior thermal balance.
- Enhances rheological balance.
- Exceptional reliability minimizes downtime.
- Eliminate spare heater costs.

iFLOW MANIFOLD TECHNOLOGY

- Best in-class melt management.
- Industry leading mold fill balance.
- Rapid color change performance.
- Extensive flexibility for design optimization.
- Reduced stack height.



iFlow Manifold

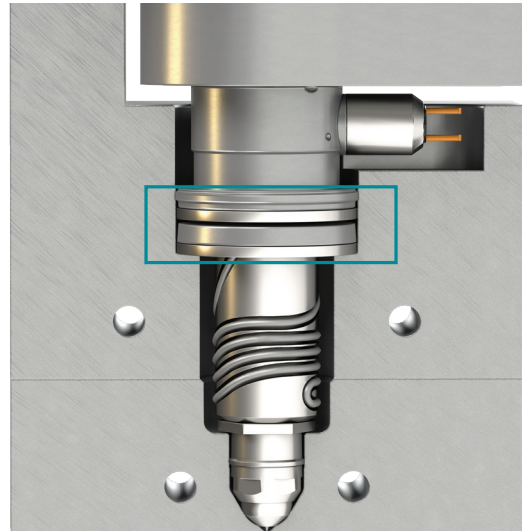


- New innovative high-performance gate seal.
- Improve ESCR performance by up to 40%.
- Enables product lightweighting.
- Change color up to 65% faster.
- Vespel cap (wear item) is eliminated lowering maintenance costs.
- Industry-standard cut-out.



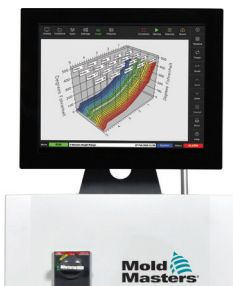
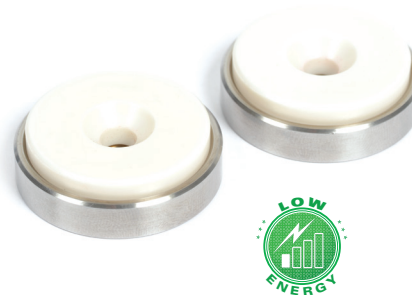
MasterSHIELD TECHNOLOGY

- Enhanced leakage protection between the nozzle and manifold.
- Incorporates an innovative spring design.
- Pre-loads nozzle to the manifold.
- Reliable even on cold start-ups.
- Patent pending.



ecoDisk

- Ceramic contact pad.
- Lowers energy consumption.
- Improves system thermal processing performance.
- Improves customer profitability.
- Standard in all Sprint systems.



TempMaster™ series M₃

TempMaster M3, incorporating new TC-Connect Technology, allows molders to eliminate traditional TC cables from your molding cell. Recommended for all Sprint hot runner systems. Revolutionize your operation with TM-M3 and unlock your operations full potential with TempMaster.