



LIGHTNING FAST, SPECIALIZED CAP AND CLOSURE SYSTEM.

Sprint systems are optimized for reliable high speed molding capable of fast color changes ensuring maximum productivity and efficiency. Specifically engineered for use in cap and closure applications.

KEY FEATURES

OPTIMIZED FOR HIGH PERFORMANCE MOLDING

- Achieves 2-6 sec. cycle times through high injection velocities and lower pressure drops.

SUPERIOR HIGH CAVITATION FILL BALANCE

- Utilizes iFLOW manifold technology through uniform shear distribution.

INDUSTRY'S FASTEST COLOR CHANGES

- iFLOW manifolds and special nozzle/tip design enable colors to clear up to 47% faster by preventing dead pockets.

HIGH QUALITY PART PRODUCTION

- Optimized decompression and nozzles/gates offer precise gate vestige with no stringing.

EASILY MAINTAINED

- Removable tip/seal and industry standard gate cut-out allows interchangeability.

BRAZED HEATER ELEMENTS

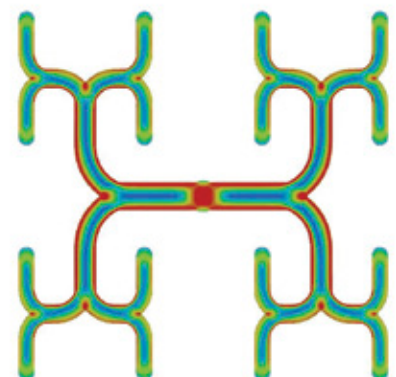
- Precise temperature control and greatest heater longevity.

ECODISK CERAMIC PADS

- Reduce energy consumption by 21% and provide greater thermo balance to the whole hot runner system.



iFLOW TECHNOLOGY



Uniform shear generation

ec@Disk



- Ceramic contact pad.
- Provides substantial energy savings.
- Greater thermal stability.
- Improves customer profitability.
- Standard in all Sprint systems.

Mold Masters

LOW INSTALLED WATTAGE

Sprint provides significantly lower installed wattage through nozzles and manifolds compared to competitive designs.

CAVITIES	MANIFOLD/BRIDGE		SPRINT SYSTEM	
	ZONES	WATTAGE, KW	ZONES	WATTAGE, KW
16	3	8	19	11
24	5	9	29	14
32	7	14	39	20
48	11	22	59	31
64	11	29	75	40
72	11	28	83	41
96	19	38	115	55

STANDARD HOT TIP GATE

- High speed performance
- Leaves a very small gate vestige on the molded part
- Amorphous / Crystalline

PMMA / ABS / PC / PE / PP



3 YEAR WARRANTY

- Summit-Series, Master-Series® and Dura® nozzles and manifolds (heating circuits & mechanical)
- Fusion G2 nozzles (heating circuits & mechanical)
- TempMaster™ Series M1 Temperature Controller

5 YEAR WARRANTY

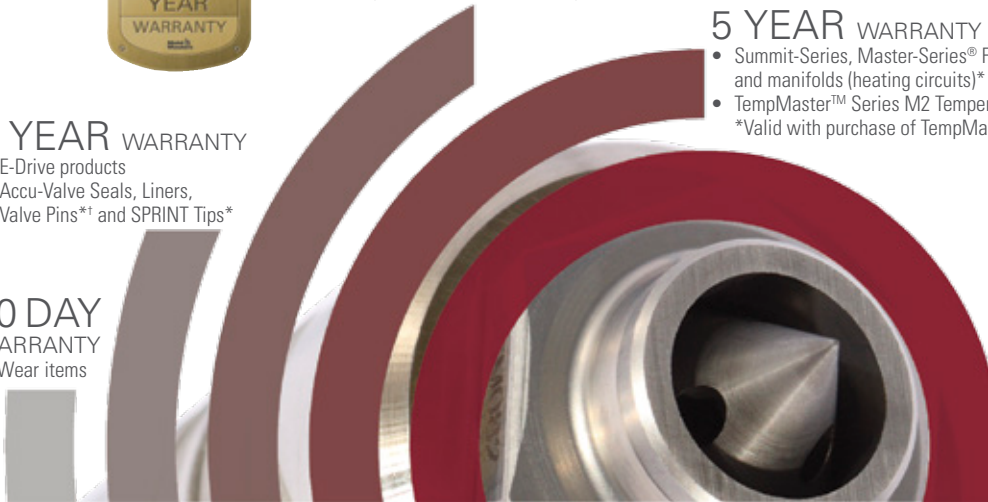
- Summit-Series, Master-Series® Fusion G2 and Dura® nozzles and manifolds (heating circuits)*
 - TempMaster™ Series M2 Temperature Control Cards
- *Valid with purchase of TempMaster™ Controller

1 YEAR WARRANTY

- E-Drive products
- Accu-Valve Seals, Liners, Valve Pins*¹ and SPRINT Tips*

60 DAY WARRANTY

- Wear items



10 YEAR WARRANTY

- Summit-Series, Master-Series® and Dura® nozzles and manifold (heating circuits)*
- *Valid with purchase of full hot half and TempMaster™ Controller



TempMaster™ series M2

For peak performance and superior results, Mold-Masters recommends using TempMaster M2 controllers with all Sprint systems.

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