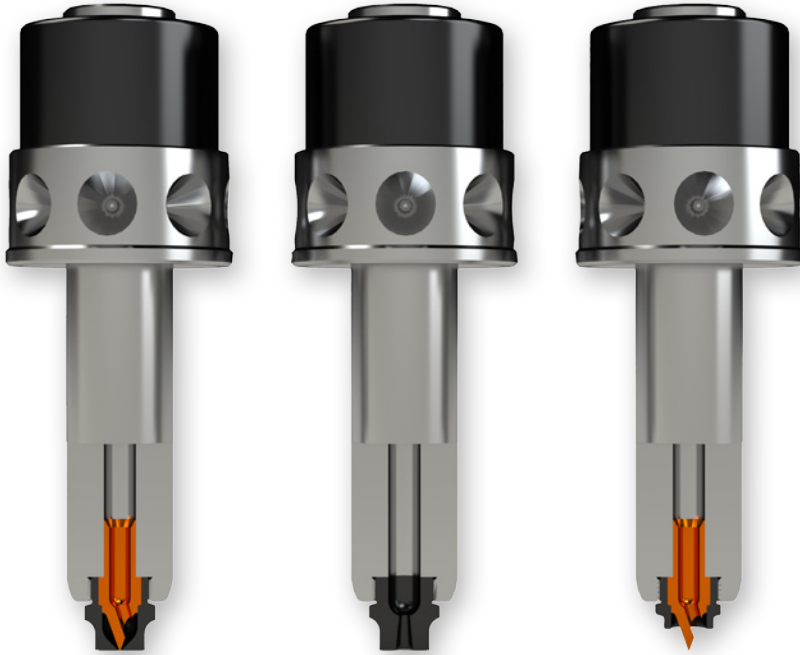


Equatemp® Dual Zone Hot Sprue Bushings

3803 Illinois Avenue
St. Charles, Illinois 60174
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1-800-MDI-ONLY
www.melt design.com



The Equatemp® Dual Zone Hot Sprue Bushing from Melt Design is a welcome addition to the company's patented Equatemp® line of internally heated sprue bushings. Recommended for high-precision molding applications, the dual zones work together to provide a nearly 100 percent even heat profile through the entire flow passage. In addition, the heaters in each zone can be adjusted for even more control.

The Dual Zone Hot Sprue Bushing is ideal for high-temp engineering resins such as those used for automotive and certain medical products. It can directly retrofit MDI's hot sprue bushings without re-machining. Four interchangeable tip options are available.

Additional features:

- Each heater zone responds instantaneously to any heat drainage without affecting the other, preventing overheating or freeze-off issues.
- MDI's signature high-purity ceramic insulator ensures long heater life and trouble-free performance.
- Equatemp Dual Zone Hot Sprue Bushings are available in lengths to suit standard mold plate thicknesses, plus nozzle diameters of $\frac{3}{4}$ -inch and 1-inch come standard. Custom configurations are available.



Equatemp[®] Single Zone Hot Sprue Bushings



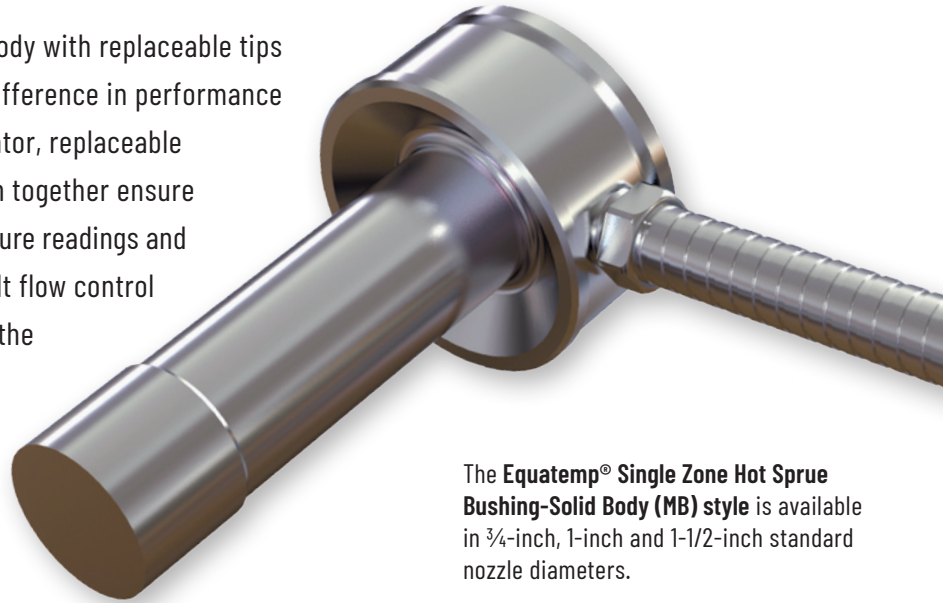
Melt Design launched a new era of sprue bushings for injection molding when it introduced its patented, state-of-the-art Equatemp[®] internally heated sprue bushings.

Available in two styles, the solid body (MB) and solid body with replaceable tips (RB), this bushing's design characteristics make the difference in performance and value. For example, the high purity ceramic insulator, replaceable thermocouple and predetermined wattage distribution together ensure the highest heat transfer rate, more accurate temperature readings and longer heater life. As a result, molders gain better melt flow control for superior quality parts shot after shot. In addition, the convenience of not having to do additional machining when retrofitting cold runner systems saves time and reduces costs.

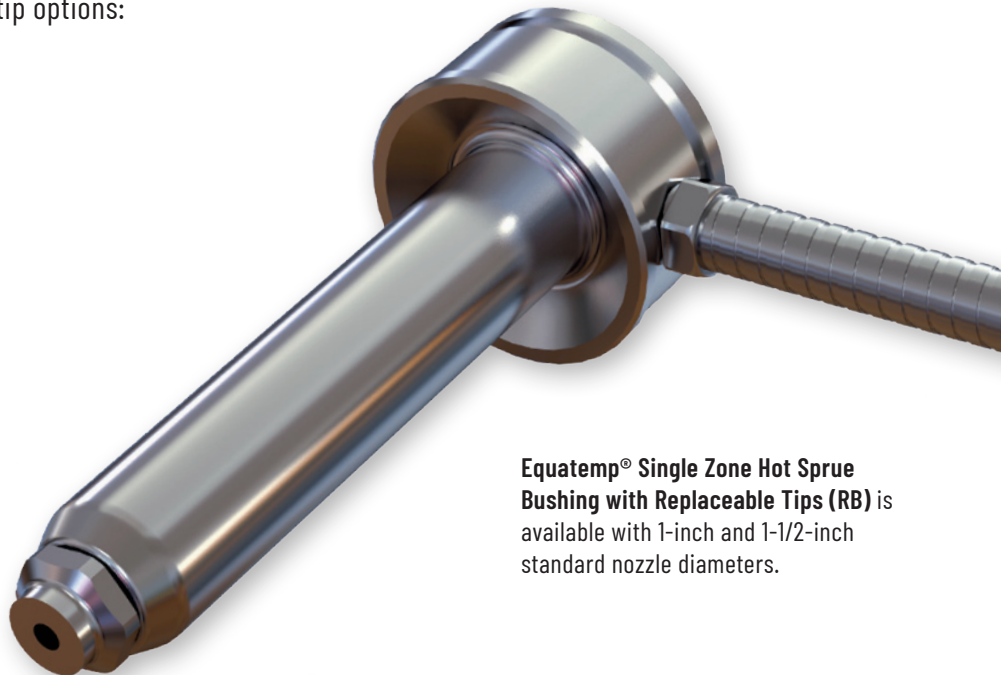
The MB Style bushing is available with extra stock when machining is required at the tip.

The RB Style bushing is offered with a choice of tip options:

- **Topless** - Good gate vestige
- **Full Body** - Gates directly to the part with minimal vestige
- **Sprue Type** - Used for feeding runners.



The Equatemp[®] Single Zone Hot Sprue Bushing-Solid Body (MB) style is available in 3/4-inch, 1-inch and 1-1/2-inch standard nozzle diameters.



Equatemp[®] Single Zone Hot Sprue Bushing with Replaceable Tips (RB) is available with 1-inch and 1-1/2-inch standard nozzle diameters.



For more information, call 800-MDI-ONLY (800-634-6659), or visit www.meltdesign.com. Outside the U.S. dial 1-630-443-4000.