

## Jiffy-Tite<sup>®</sup>, Jiffy-Matic<sup>®</sup>, Jiffy-Lok<sup>®</sup> & MoldBasics<sup>®</sup> Connectors

### Jiffy-Tite<sup>®</sup> Delivers Trusted and Reliable Products

The Jiffy-Tite<sup>®</sup> line of mold cooling components is the industry's most trusted and reliable product range in the injection molding industry. These highly durable and long-lasting components have been the industry benchmark for quality for injection molders for over five decades. It's no surprise that the plastics industry has come to rely on Jiffy-Tite, whose vision and innovation led to the invention of the original ground-breaking face seal technology for quick disconnects more than half a century ago.

These premium products deliver superior quality, unique design, unmatched performance, and the tightest tolerances in the industry – all at a competitive cost. Highly engineered components include quick-disconnect connectors, male and female plugs, extension plugs, straight and spiral brass baffles, water and cascade water junctions, pressure plugs, coolant bridges, and seal removal replacement kits. The bottom line is that Jiffy-Tite components are highly reliable and leak-proof, ensuring the most consistent and efficient mold cooling operations.

### MoldBasics<sup>®</sup>

DME plugs used with DME flow-thru type Sockets and DME Automatic Shut-off Type Sockets are designed for plastics molds and die-cast dies in water, air or oil lines. They feature a combination brass and stainless steel leakproof construction; have a maximum rated capacity of 200 psi; and withstand temperatures up to 400°F, with supplied Viton seals. DME Sockets can be used interchangeably with the same Plugs already in your mold or die. Comparable sizes of both sockets types have the same O.D., permitting interchangeability even when the plugs are flush mounted.

#### Turbulent Flow Plastic Baffles

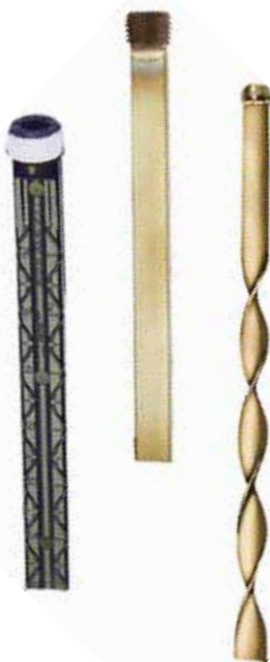
- Patented side wipers prevent coolant blow-by, ensuring coolant flow to the end of baffles
- Results in better cooling of targeted hot spots
- Dramatically improves cooling time
- Increases coolant flow velocity and lowers Delta "T" across mold surface
- Built-in ribs encourage turbulent flow and reduce stagnant laminar flow

- Turbulent flow dissipates about 3x the BTUs as compared to laminar flow
- Non-hygroscopic, glass-reinforced engineering thermoplastic (polyphthalamide) excels under high heat, providing better temperature stabilization
- Pre-wrapped with TPFE tape
- Maximum coolant temperature recommended: 100°C (212°F)

#### Straight & Spiral Brass Baffles

DME Brass Plug Baffles, available in both straight and spiral styles, are constructed entirely of high-quality brass with blades brazed to the plugs for long, dependable service. They provide a high-pressure seal through a deliberate difference of taper between the plug and the tapped hole.

The function of the baffle is to split the drilled waterline into two equal channels. As the heating or cooling medium enters, the baffle diverts the flow to travel up to and over the end of the baffle and down the other side.



# Mold Cooling



**Delta-Q™** is a low-cost precision flow regulator module that can be used in conjunction with other SMARTFLOW components such as threaded end caps, flowmeters, temperature and pressure gauges, Dr. Eddy® Flowmeter/Turbulent Flow Indicator, Tracer® Electronic Flowmeters, and cooling water manifolds. The Delta-Q Regulator allows full adjustability of flow volume from unrestricted flow to complete shutoff using the manual flow control knob.

The modular design allows users to customize models meeting scientific cooling requirements for each application. The glass-filled nylon body is lightweight and durable. Internal stainless steel components are resistant to corrosion



## Tracer Electronic Flowmeter

With the new Tracer Electronic Flowmeter, it is easier than ever to know exactly how much water is flowing through your water lines. In addition to flow rate, the Tracer™ provides a precise temperature reading of the water, and will calculate BTU's.

**SmartFlow Flow Meters** - Finally, a product that recognizes that leaks and broken tubes are common problems of other water regulators. This Smartflow Flowmeter offers a practical and inexpensive solution to a far too common problem.

- 210° rating
- 100 PSI
- 20 GPM
- Can be mounted in any position
- Aluminum body
- Polysulfone sight glass
- Optional thermometer & pressure gauge



**Aluminum Manifolds** from DME Industrial Supplies offer many advantages over welded steel or pipe manifolds. These manifolds have no welds or seams of any kind and cannot rust. They will offer many years of trouble-free service. The heavy wall extrusion will withstand extreme abuse and the round center hole permits easy cleaning. Custom made manifolds to your dimensions are available in just a few days. Compare the features and price to anything else and you'll understand why manifolds from DME Industrial Supplies are the new standard for molders from coast-to-coast!