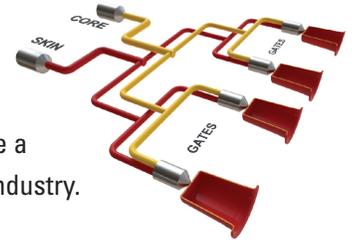


# MOLD HIGHER QUALITY, ECONOMICAL CO-INJECTED PARTS FOR LESS

The CO-INJECTION CONNECT Solution includes everything you need to easily and economically convert your existing single shot injection molding equipment over to produce co-injected parts. Mold-Masters Co-Injection technology is fully customizable to create a moisture, gas or light barrier for containers of all shapes and sizes for applications across any industry.



## KEY FEATURES

### HIGHLY ECONOMICAL

- Reduce your capital investment requirements by up to 84%.
- Produce more economical high quality parts.

### INDUSTRY LEADING TECHNOLOGY

- Proprietary nozzle designs allow two different resins to be combined into a single 3-layer melt stream.
- Higher quality part production and longer shelf life than monolayer parts.

### PRECISE PROCESS CONTROL

- Enhance molded part properties by adjusting barrier layer placement and thickness and ensuring uniform distribution.

### PROVEN PERFORMANCE

- Take advantage of our extensive experience and successful track record.
- Applications optimized by our co-injection team.

### GLOBAL SUPPORT NETWORK

- Mold with confidence knowing we're with you every step of the way.



CO-INJECTION CONNECT hot half and E-Multi auxiliary injection unit.



IMM conversion with vertical installation

## CO-INJECTION CONNECT INCLUDES:

- Mold-Masters Co-Injection Hot Half
- E-Multi Co-Injection Auxiliary Injection Unit
- E-Multi Controller w 15" Touch Screen
- Engineering
- Testing Validation
- Start-up Support
- Training



## HIGH PERFORMANCE CO-INJECTION BARRIER TECHNOLOGY

Mold-Masters Co-injection multi-layer molding technology is designed to meet the plastic industry's need for a high performance barrier. Depending on part type and shape, barrier materials can be minimized to make up less than 2% of total part weight.

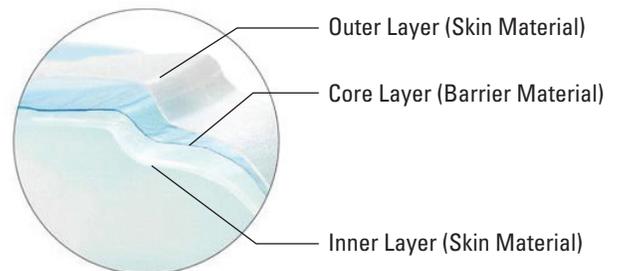
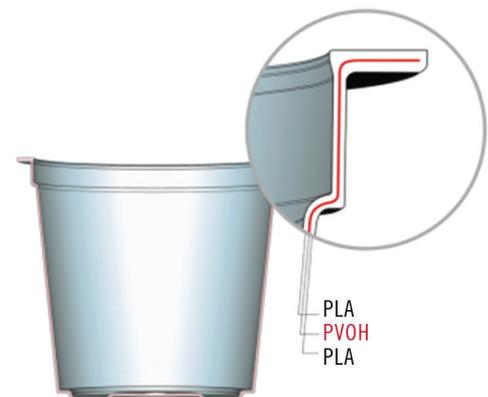
### Common Applications

- Preforms
- Containers
- Closures



Advantages	Benefits
Precise barrier placement	High process control
High volume production	No loss of productivity
High performance barriers	Shelf life extended up to 5yrs
Reduce barrier by up to 50%	Economical use of materials
Incorporate molded-in features	Reduce cost per part
Unique aesthetic effects	Enhanced packaging designs

Mold-Masters Co-Injection is compatible with a range of materials including standard PP/EVOH, PET/Nylon as well as compostable biopolymers PLA/PVOH.



## TempMaster™ M2+ series

For peak performance and superior results, Mold-Masters recommends using TempMaster M2+ controllers with all Mold-Masters Co-injection systems. Unlock your operations full potential with TempMaster.

