

Project Description:

Pharmaceutical Dispensing System



Customer Challenge

The customer came to PTI for a new medication delivery system. Having produced several systems prior, they wanted to bring this product to market with a different process that would allow them to be competitive with the product cost. The market estimations indicated 3,600-4,000 units per year. Project timing required 27 molds delivered in nine weeks. This was one-half the time they were used to receiving on other tool packages.

PTI Solution

By using our P3 process (PTI Production Prototype), the customer received delivery of all 27 components in nine weeks. Not only did we cut the typical turnaround time in half, but the customer also realized \$300-400,000 in tool savings. The majority of parts required texture, and we implemented several running engineering changes without compromise to tool longevity or project turnaround time.

Project Details:

Material:	Polycarbonate / ABS / Acetal
Tool Type:	Free Standing Aluminum / Steel / Hybrid
Delivery:	7 parts = 9 weeks / 20 parts = 5- 6 weeks
No. Tools:	27 molds

Performance:

Critical Dimension:	Various
Tolerance:	+/- .003 inch
Initial Capability (CPK) :	2.5
On-Going Capability (CPK):	2.77
Parts Molded to Date:	15,000 pcs.

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