

## Pronto™ 2K Simple Multi-Material Systems

Multi-material part molding is now more affordable and quicker to get into production with our new Pronto™ 2K offering. Parts made from multiple resins, or multiple colors of the same resin requiring multiple injection units with either sequential or simultaneous injection are achievable in less time and at lower cost. Pronto™ benefits of faster delivery, lower price (15-20% reduction vs custom 2K hot runner systems) and ease of ordering without any compromise in quality are now available for single face multi-material hot runners and manifold systems.

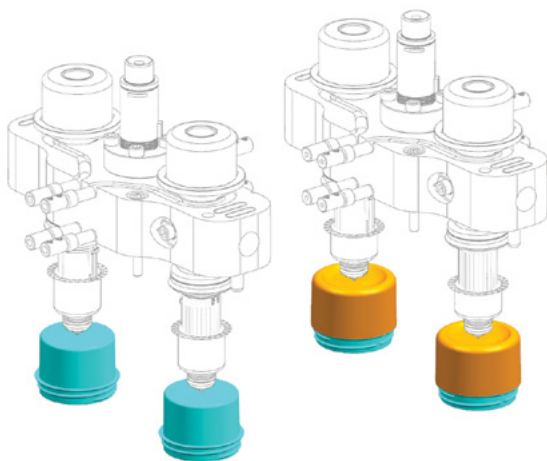
Featuring optimized processing for each application through nozzle series selection and melt channel customization, pitch spacing flexibility and configurable plates, the multiple melt distribution systems are designed to meet the part specification.

### The Pronto™ 2K Definition

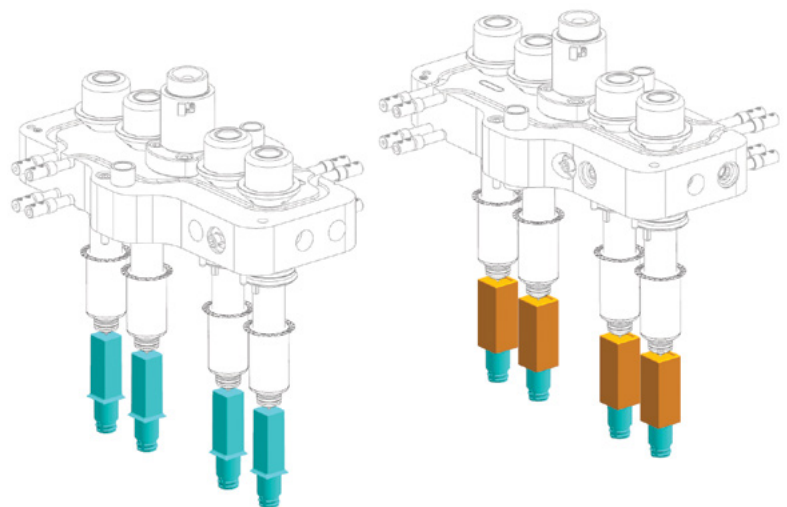
- Single face multi-material hot runners and manifold systems
- Both materials inject from the injection side (no side / top injection)
- ≤ 16 drops per manifold (maximum 16+16 cavitation)
- Manifolds with Pronto™ layout
- Independent injection for each manifold
- Individual manifold for each melt stream – Cross manifold designs not included in scope
- Available in Ultra and Ultra Helix™ 250, 350, 500 and 750 nozzle sizes

### Examples of Typical Pronto™ 2K Manifold Systems

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2+2 Cavity Multi Material Closure Application



4+4 Cavity Multi Material Bottle Application

# Pronto™ 2K

## Frequently Asked Questions (FAQs)



**Q: Are mixed nozzle series in scope?**

**A:** Yes – Mixed nozzle series and gating style (VG or HT) are in scope

**Q: Is Ultra Helix in scope?**

**A:** Yes – Only U1000 is out of scope

**Q: Is co-injection in scope**

**A:** No – Independent injection for each manifold and an individual manifold for each melt stream is required

**Q: Are there any limitations on injection location**

**A:** Yes – All injection must be located on injection side only - No side or top injection

**Q: Are Free Husky Plate Installations or Wire Grooves for Manifold Systems (plate design) in scope for PRONTO™ 2k?**

**A:** No – these features would be considered custom options and therefore fall out of scope

# HUSKY®

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