

# Moldflow Plastics Advisers Report

## Gripper (Dual Gate)

Prepared By: Vishu Shah  
Consultek



Prepared for:  
Date: 18-09-2003

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### Introduction

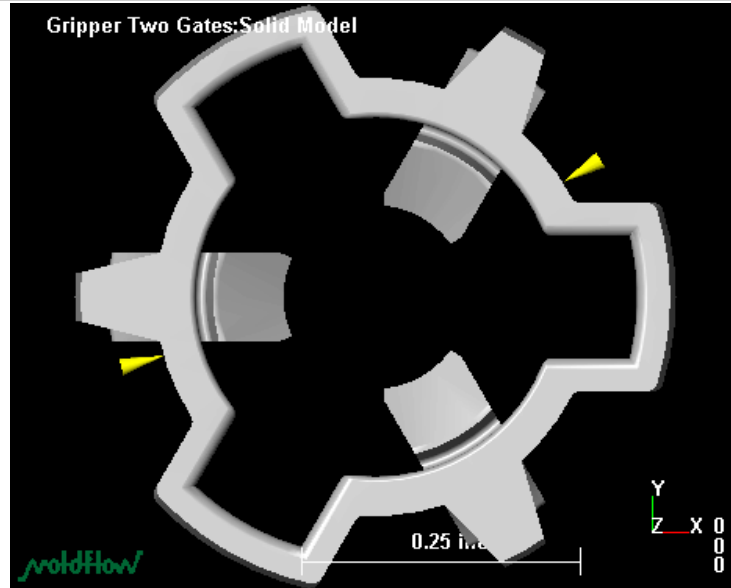
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**Moldflow analysis clearly shows that by adding a second gate a totally different filling pattern is achieved and the last part to fill is no longer the Gripper leg opposite the gate.**

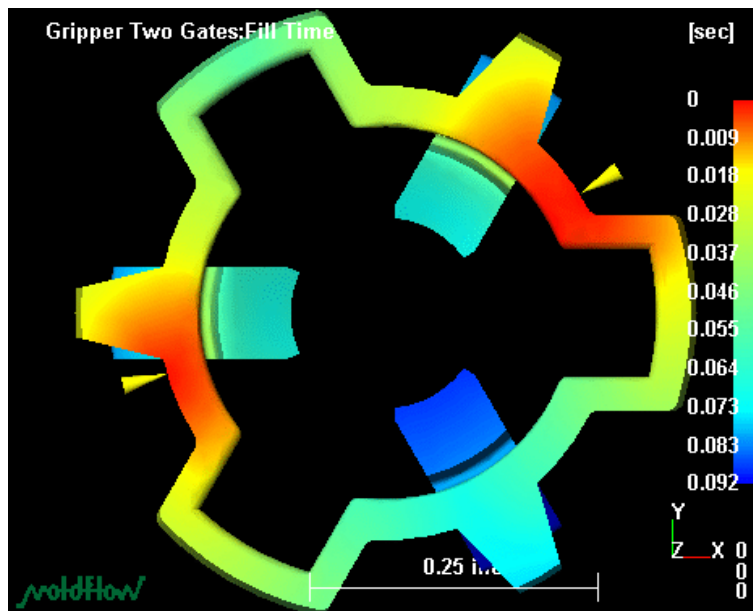
**The addition of the second gate should eliminate the short problem and allow the molder to lower injection pressure as indicated by the injection pressure analysis. This will allow a better control over the part flashing issue.**

**The dual gate set up will also help lower the molded-in stresses in the part.**

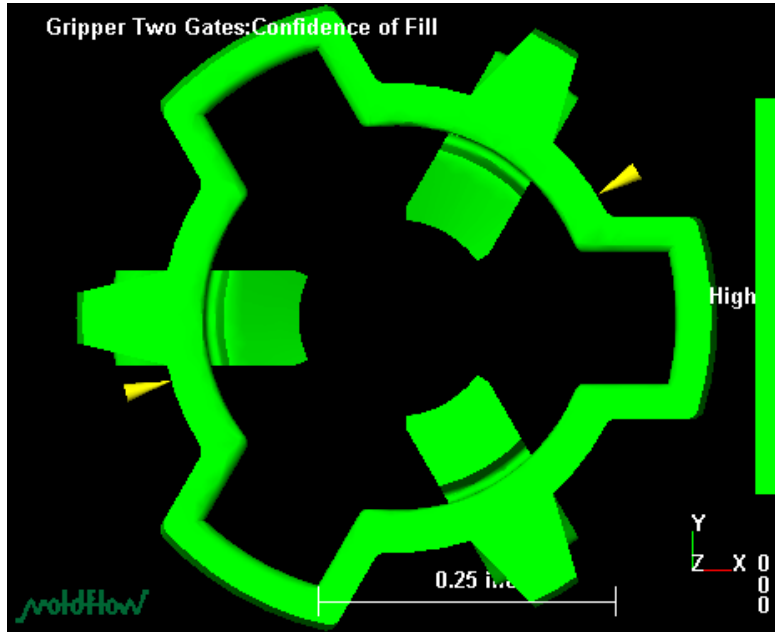
## Solid Model



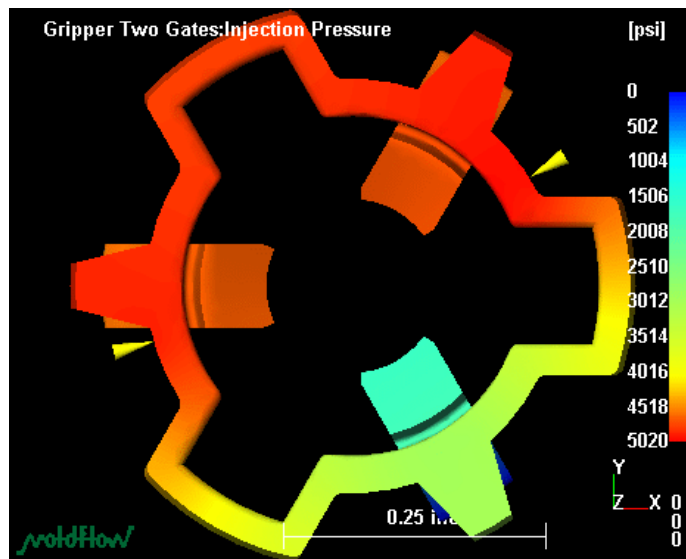
## Fill Time



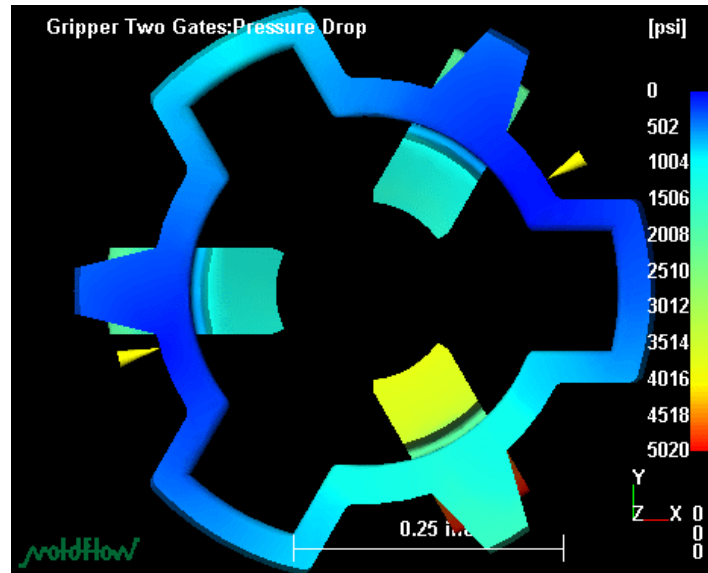
## Confidence of Fill



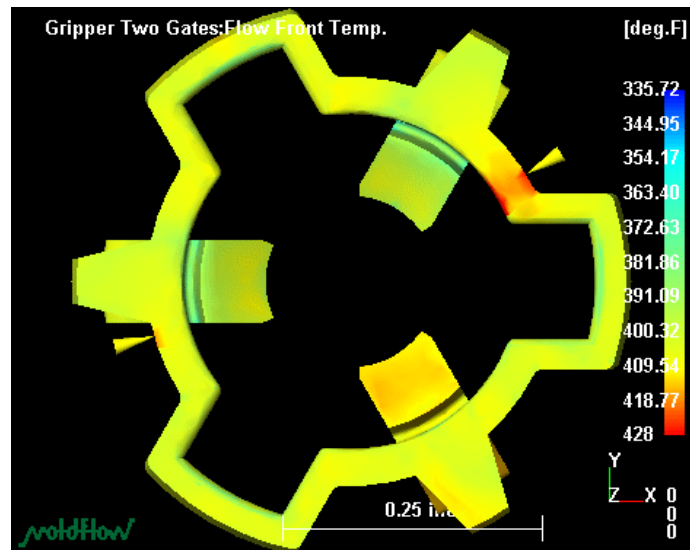
## Injection Pressure



## Pressure Drop



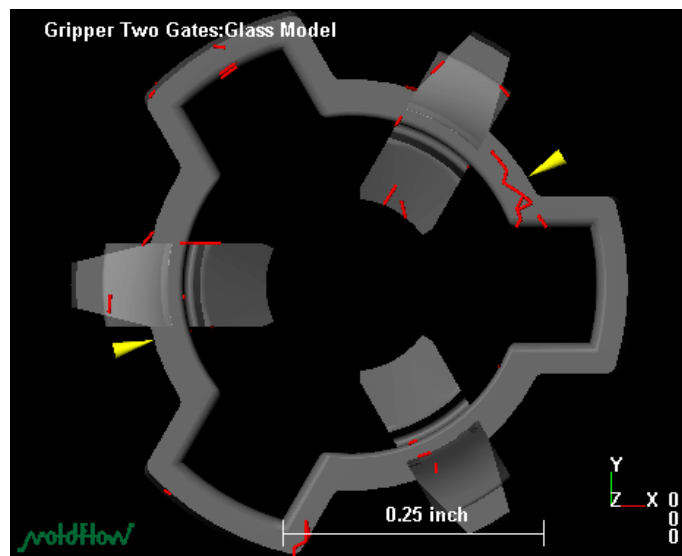
## Flow Front Temp.



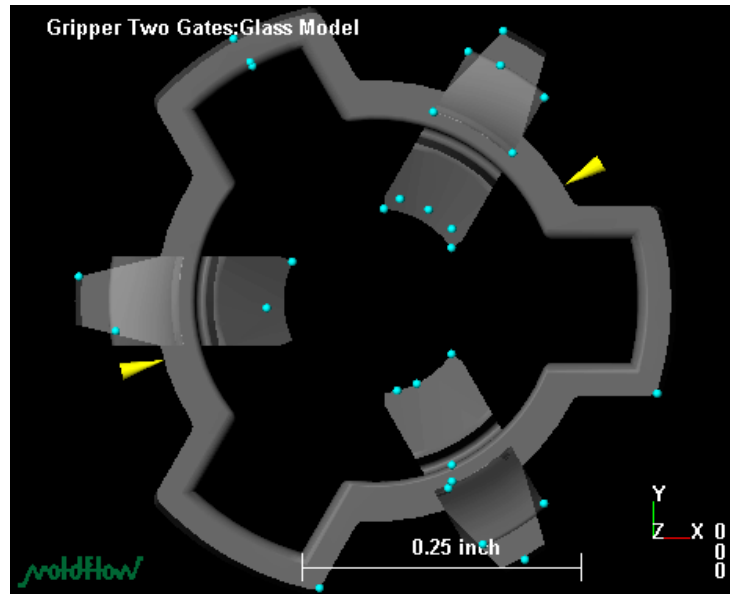
## Quality Prediction



## Weld Lines



## Air Traps



## Cooling Quality

