

Account spotlight

MICRO FLUIDIC & GAS TECHNOLOGY



THE INITIAL CHALLENGE

When a previous supplier unexpectedly closed due to its inability to meet market demands, an industry leading global medical device OEM approached Plastikos to take on an immediate, large-scale project pertaining to micro fluidic and gas transfer technology.

The customer was faced with moving 34 molds in less than a nine-week timeframe—entrusting Plastikos to dedicate the engineering resources necessary to support such an enormous undertaking and meet strict production demands.

Plastikos was awarded 34 transfer tools that made nearly 100 different part numbers. The existing molds were transferred without steel prints, history logs, spares, etc. In addition, most tools required supplementary rework before we could begin mold qualification.

As a result, Plastikos successfully on-boarded all 34 tools while maintaining high-volume production. And thanks to our in-house mold maintenance, we were able to make the appropriate engineering changes to prolong the life of the mold and increase overall product performance.

STRATEGIC SUPPLIER PERFORMANCE

TO-DATE, OUR TOOL MAINTENANCE STRATEGIES WERE ABLE TO EXTEND THE MOLD LIFE AN ADDITIONAL 1,000,000 CYCLES (AND COUNTING) ON THE CUSTOMER'S HIGHEST RUNNING APPLICATIONS.

AS A RESULT OF OUR SUPPLIER PERFORMANCE, WE ALSO BEGAN WORKING WITH SEVERAL OTHER DIVISIONAL LOCATIONS WITH THIS ACCOUNT AND CONTINUE TO GROW STRATEGICALLY.

WE CONSISTENTLY MAINTAIN OVER A 95% ON-TIME DELIVERY RATING WHILE MANAGING OUR CUSTOMER'S JUST-IN-TIME INVENTORY STRATEGY.

MARKET EXPERTISE

At Plastikos, we have extensive experience molding products that will be used for precision fluid and gas transferring applications which both require tight tolerances and critical sealing surfaces. These products are often made from high-temperature thermoplastics, including LCP, PEEK, PPS, and other specialty or engineering grade resins.



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Custom Injection Molding

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