

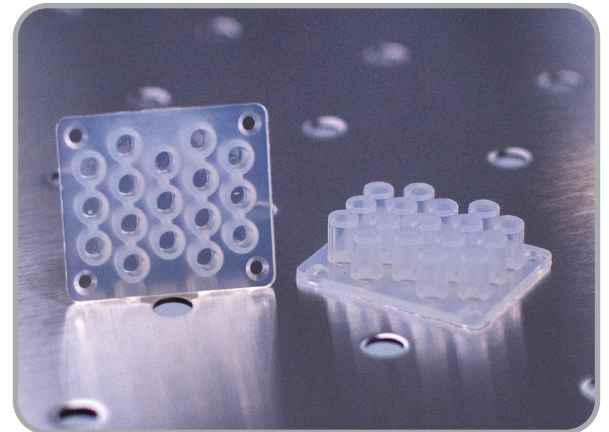


Customer Success Story Medical Industry Customer

Making the Cost-Effective Switch: Machined PTFE to Injection Molded PFA

This Savillex success story begins with our customer – a global medical technology company – that needed to produce large quantities of a small, intricate part used for beta instrument development.

The part in question was made from machined PTFE (Polytetrafluoroethylene). Problem was – our customer needed to produce over 8,000 of these parts annually, and machining such large quantities came with a hefty price tag. This is where the customer contacted Savillex for our expertise in developing cost-effective, injection molded parts.



The Solution

Savillex engineers immediately recognized that their injection molded replacement for the customer's PTFE part would need to have a smooth, molded finish and conform to a critical set of dimensions and wall thicknesses.

Custom tooling was developed and Savillex advised on the best resin for the part's molding requirements and application.

Much to our customer's satisfaction, the final, injection molded part passed first inspection and required no tooling revisions. The entire process – from initial request to final hand-off – took place within the span of 12 weeks.

Cost Savings

So, how did the injection molded part and custom tooling pan out in terms of cost savings for our customer?

Savillex was able to save the customer almost 80% per unit by switching to an injection molded part. And once the customer surpassed just 817 parts, they were able to recoup the cost of the tooling.

Need to draw on Savillex expertise to create your own, cost-effective custom injection molded parts? Contact us to request a quote today.

www.savillex.com

