

Industry: Food

Part: FDA approved rubber molded tubes

Issue: Customer needed a rubber molded tube that would not compromise taste or aroma.

Solution: Sur-Seal quickly identified the appropriate material, issues first articles, and received approval for the parts.



Determine... Understanding your needs is our starting point.

A customer who manufactures beverage dispensing equipment desired an FDA approved rubber material that could be molded into tubes. As this material would be in contact with liquid through the brewing process, the concern was that the taste and aroma of the dispensed beverage would be compromised.

Design... Defining a complete solution is at the core of our approach.

Sur-Seal's Engineering Service group evaluated the application's operating requirements and constraints. Our engineers were able to collaborate with rubber chemist in our Global Supply Chain in order to determine the material and processes that would have the desired odorless and tasteless properties and meet FDA requirements.



Develop... Harnessing resources efficiently is required in our process.

Having gathered the customer's part specifications such as usage, drawings and 3D files, Sur-Seal then designed the best solution and qualified a global partner to competitively quote and ultimately produce custom components made from the odorless/tasteless material.

Deliver... Realizing success means on time, in full, as promised.

First article parts were produced and approved quickly, Sur-Seal then established a program catered to meet our customer's production needs. Sur-Seal designed a Kanban program that insured a constant supply of components to be ready when our customer required them.

