

ORD Problem Solved!

A Closer Look

Outsourced O-Ring Materials

Quality and cost are two key factors that drive customer satisfaction. But with rising raw material costs, this combination of quality and affordability has driven global product to the forefront. Numerous industries take advantage of outsourced product to keep profit high and costs low. However, massive recalls on China made products are raising concerns on how reliable outsourced product truly is. Is it worth sacrificing quality and safety to save a couple dollars?

The recent toy industry recalls have caused quite a scare for consumers. If lead paint is being used in children's toys, then what else do you not know about global purchases?

This dilemma affects all industries, from toy and electronics industries to automotive and semiconductor industries.

So what makes Parker's Outsourced O-rings different? Parker O-Ring's exclusive elastomer formulations and products are manufactured in Parker owned facilities, joint ventures and other private companies under contract with Parker. These facilities are thoroughly reviewed and inspected to make certain procedures and practices are followed properly. This ensures finished product with the quality and value Parker o-rings are known for. Parker stands behind all outsourced product with the same guarantee and

confidence given to our domestic products (made in North America).

As part of Parker's premier customer service, the O-Ring Division has an experienced, long standing business unit to provide product solely manufactured outside of North America. This business unit is a growing organization providing o-rings to customers around the world. The variety of these o-rings and services compliment the traditional North American business as well as fill certain market niches. Materials are available from all polymer families except perfluoroelastomers and are available to common specifications such as ASTM, UL, FDA, USP,



and NSF requirements. Materials are molded into o-rings that meet AS568, ISO, JIS, and common metric sizing requirements as well as custom sizes. In addition to standard rubber o-rings, the business unit also provides rubber backup rings and PAR4 (quad-type) seals.

For more information on this or any of Parker's o-ring compounds, contact the Outsourcing Business Unit or Applications Engineering at 859.269.2351. ■

Application Success Story



Application:
O-rings in optic fluid.

Problem:
This customer's product was extremely sensitive to discoloration and contamination of their clear, colorless glycol-based optical fluid. Due to the nature of the application, more than a two percent loss in light transmission would cause the entire device to fail. Several standard compounds were found

to have good compression set and excellent chemical resistance, but all of them failed the light transmission tests, making them unsuitable for the application.

Parker Solution:
Parker's Outsourcing Business Unit developed a white ethylene-propylene compound, E1430-70, specifically for this application. EP materials were shown to have the best chemical

resistance to the fluid, and the new compound was designed to minimize extraction. Compound E1430-70 not only met the customer's minimum seal performance limits, but it also maintained the clarity and light transmission properties of the fluid within the allowable limits.

Similar Applications:
Projection TV glycol-glycerine coolant solutions. ■

"ASAP" Outsourcing Stock Program

Parker O-Ring Division's Outsourcing Department has launched a new stocking program to provide affordable, accessible product to their customers. The program, known as the "ASAP" program, will go into effect September 1st. Stocked product will be available in the most commonly used sizes of materials N1470, N1490, V1475, and V1476. In addition

to providing the "ASAP" program, the O-Ring Division has also made pricing on these materials more competitive. Now distributors can provide fast and affordable Parker O-Ring products to their customers! For more information on this program, call 859.269.2351 and speak with your customer service representative. ■

Ask your customer service representative about Parker O-Rings Outsourcing "ASAP" stocking program starting September 1st!

Call 859.269-2351 for more details on this program.