

# ORD Problem Solved!

## Application Success Story

### Application:

Respiratory Device

### Problem:

The customer needed a soft material for low compression loads that needed to be colorless. Because of the application, the material also needed to meet USP Class VI.

### Parker Solution:

Parker recommended S1538-55. This material is translucent and meets USP Class VI requirements.

### Outcome:

The customer was pleased with the performance and cost efficient value Parker's S1538-55 brought to their application. Not only was it a translucent, medical grade material, but it also provided a cost savings.



## Parker Silicone, S1538-55

Medical technology advancements create invaluable solutions to health problems endured around the world. The processes to create these medical solutions however, are presenting a number of sealing challenges in the life sciences industry. Medical grade O-ring materials must meet strict specifications such as USP Class VI requirements. In addition, many applications require O-ring materials to be clear in color for aesthetic reasons.

Medical grade seal materials can be very costly, adding to the overall cost of an application. Parker's S1538-55 is an excellent choice for both disposable and reusable devices. Not only does S1538-55 meet USP Class VI requirements, but it is also extremely cost efficient with very low tool-up costs compared to liquid silicone products. This O-ring material provides a savings to the customer, attributing to the value and affordability of the application.

To find out if this material is right for your application, call our Applications Engineers or Business Development Engineers at 859-269-2351.