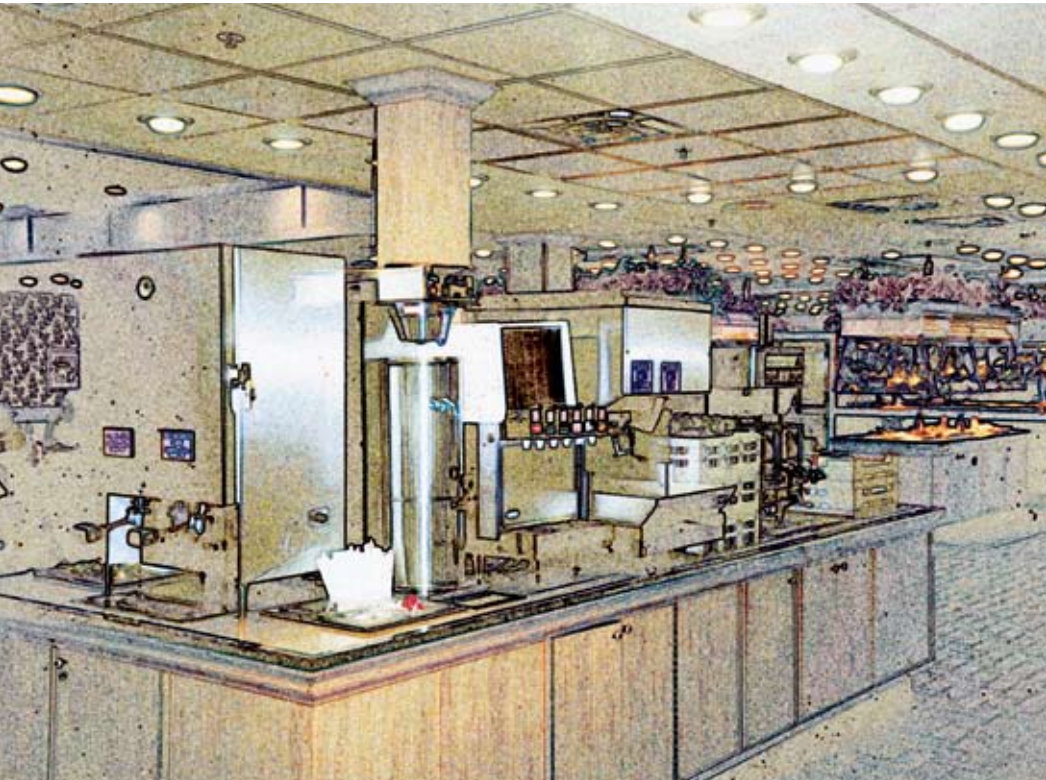


# ORD Problem Solved!



## Parker EPDM, E3609-70

With strict regulations on food and beverage applications, Parker's E3609-70 makes an excellent choice, offering third-party certification for use in almost all food and beverage applications.

E3609-70 is approved to NSF 51 (food and beverage handling) and NSF 61 (drinking water), WRAS (UK), KTW (Germany), FDA, and USP Class VI.

E3609-70 also offers outstanding resistance to compression set compared to other FDA-type materials. In a test, E3609-70 took

only 29% compression set after 70 hours at 302°F (150°C) while a similar FDA approved ethylene propylene took 83% compression set after 70 hours at just 257°F (125°C). In comparison, E3609-70 would overwhelmingly extend service life over the FDA approved EPDM.

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

## Application Success Story

**Application:**  
Beverage dispenser

**Problem:**  
The customer was having trouble finding an FDA approved material with compression set resistance to extend the life of the seal in the application.

Additionally, the nozzle of the dispenser was used for water, soft drinks and alcohol, calling for a number of certifications and regulations on the components of the device.

**Parker Solution:**  
Parker recommended E3609-70. This ethylene propylene material offers outstanding compression set resistance and is NSF 61 (drinking water) and NSF 51 (food and beverage) approved and also meets FDA requirements.

**Outcome:**  
E3609-70 passed the customer trials with flying colors. Having compression set resistance reduced maintenance time and the numerous certifications/approvals provided a quick approval time on their dispenser.