

# ORD Problem Solved!

## Parofluor ULTRA™ Material FF200-75

FF200-75 Demonstrates Superior Sealing in Critical Environments



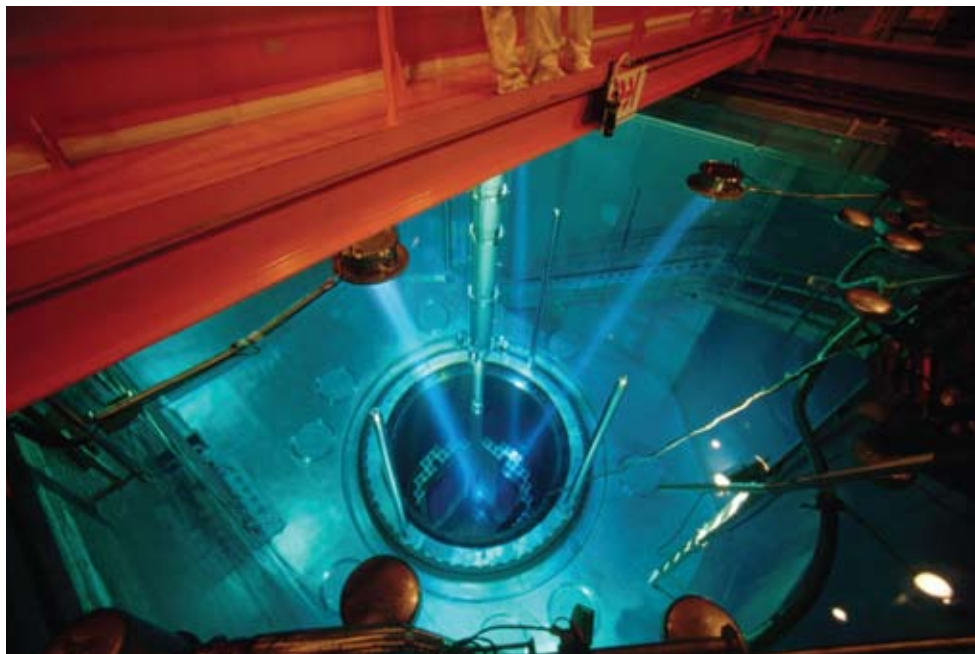
As the leader of cutting edge elastomer technology, Parker provides sealing solutions for even the most extreme sealing applications. Parker's Parofluor and Parofluor ULTRA are a series of perfluorinated elastomers (FFKM) developed specifically for use in critical, demanding applications. They provide exceptional sealing performance in extreme heat and aggressive fluids.

Parofluor material FF200-75, featured in this month's application success story,

is formulated to withstand long term exposure to heat, maintain high sealing force retention, low compression set and outstanding mechanical properties. It also provides excellent thermal stability, reduces maintenance costs and improves cost efficiency, safety, and reliability.

FF200-75, as well as the entire Parofluor line is exclusive to Parker. These formulations are designed for use in the most extreme, critical environments of energy exploration and production, semiconductor fabrication, aerospace, chemical processing, pharmaceutical, and other harsh fluid handling processes.

Call Parker O-Ring Division Business Development Engineers or Application Engineers to see which perfluorinated elastomer will work best for you.



## Success Story

Proven Performance Makes Parker the Standard Over Competitors!

### Application:

CPI Company, chemical processing plant.

### Problem:

The customer was encountering increased break-down costs as the existing competitor FFKM could not withstand the application environment. The competitor O-rings were failing every 2-3 months. The customer needed the O-ring to last for 7 months at a time, which was the duration of the scheduled preventive maintenance in the plant. The biggest challenge was the O-ring would be subjected to an environment of continuous usage, extremely high temperatures, and 100% steam.

### Parker Solution:

Parker provided samples of FF200-75. This Parker material withstood the aggressive conditions of the customer's application, allowing the customer to avoid any unscheduled maintenance.

### Outcome:

The customer was delighted that FF200-75 worked in their application. Not only did it provide extended service life, but it also saved the company significant maintenance costs. The customer is now looking at changing over other applications seals over to this material.