

PTFE Encapsulated O-Rings

Description:

Ever wanted to make Viton or silicone more chemical resistant? When you order PTFE encapsulated materials you can have the best of both worlds. PTFE Encapsulated materials are ideal for when you need the versatility of Viton® but need it to be chemically inert, or if you need the high temperature properties of silicone but also need it to be more wear resistant.

Encapsulated o-ring advantages

Outstanding chemical resistance	Non-stick / low friction
Wide Temperature range	Compression set retention
High Pressure Capacity	Performs like an elastomer
Economical	Custom Sizes available

By combining the energizing properties of Silicone or Viton® with the chemical resistance of FEP / PFA Teflon® fluoropolymers, you get an o-ring capable of handling extreme applications without the extreme price of Kalrez®.

As a rule, Silicone cores are better for low temperature applications. Viton® has a lower compression set figure and is recommended for applications to 400 F (constant

Properties:

Good Wear Resistance, Good Short-Term Resilience, Good Permeation Resistance

Temperature Range:

-75°F to 450°F

Uses:

The uses of this product are dependant on the material of the core being used and if the core is solid or hollow.

