



# Colonial Seal Inc.

## Are you in need of a better sealing solution?

### *Colonial Seal Company has Chem-Rings and Encapsulated "O" Ring Seals!*

By utilizing high quality materials, developing in-house components, manufacturing their own materials, and using accurate inspection systems, you can count on nothing but the best from Vulcan. With a wide selection of encapsulated seals and advanced production facilities and distribution centers in the USA, Europe, and Asia, you can be assured that your **chem-ring** provides the reliable performance needed to solve your toughest sealing solutions. Vulcan can also provide you replacements for any competitor's **chem-rings** or **encapsulated "O" rings**.

Vulcan produces a **chem-ring seal** that combines the resilience of Teflon®, with an elastomeric core of silicone or Viton® and a thin, molded encapsulation of PTFE, FEP, or PFA polymer. The result is an elastomeric PTFE seal with maximum sealing capabilities. If you need a solvent resistant and chemically inert seal, **FEP encapsulated "O" rings** will work, as the elastomeric memory provides a universal seal for use in aggressive environments.

Advantages of using a **chem-ring** include: outstanding chemical resistance to solvents, oils, steam, and many acids and alkalis, wide temperature range (heat resistance of up to 260°C), high pressure capability, non-stick/low friction resistance, and performance as an elastomeric PTFE. Vulcan combines the best qualities of the PTFE encapsulation with the silicone rubber core to create an economical and high performance solution for your most challenging sealing crises.

**Encapsulated "O" Rings** can be used in a variety of applications including: pumps and valves, mechanical seals, hose coupling seals, pipelines, and gas compressors. Many industries, including pharmaceutical and food & beverage production facilities, oil refineries, and chemical process plants, can benefit from replacing their standard material "O" rings with a **chem-ring**.

**CONTACT US FOR YOUR COMPETITIVE QUOTE**

## Colonial Seal Company

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**Any Application, Any Industry, Anytime!**

## What makes Colonial Seal Company stand out from their competition?

### **Reduced Inventory**

**Costs:** Consolidate your shaft seal requirements with us

### **Improved**

**Availability:** We can supply most OEM obsolete or discontinued oil seals

### **Lower Procurement**

**Cost:** Our agreements with global sourcing partners guarantee we can pass these savings on to you

### **Extensive Size**

**Range:** Large diameter rotary shaft seals and custom shaft sizes are available upon request

**We are an ISO 9001:2008 certified company**