

# Elastomer/Fluorinated Film Septum Seal Dia-Seal™

## Chemical Packaging Seals

DiaCom has developed an industry-leading packaging liner, composed of fluorinated films with advanced elastomers that seals air and moisture from sensitive solvents and reagents.

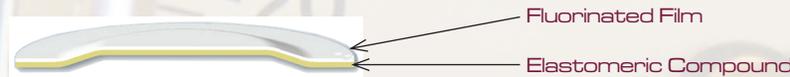
DiaCom liners are designed to deliver the best performance in the marketplace. DiaCom Chemists have compounded a range of elastomers that spans the chemical resistance requirements over hundreds of chemicals, reactants and solvents.

DiaCom's advanced engineered elastomeric compounds provide secondary sealing to the primary seal constructed of fluorinated film. There are numerous benefits and advantages of our molded composite construction over traditional liners.



### Sizes and Styles

Our engineers can custom design a liner of virtually any thickness, shape and diameter to fit all of your packaging requirements.



### Enhanced performance standard liners cannot match.

- Virtually zero permeation is provided by the fluorinated film
- Significantly better sealing and resealing properties over other liners currently available
- Excellent chemical resistance and exceptional self-healing (resealing) properties even after multiple punctures
- Superior sealing and fit to each bottle opening
- Elastomers formulated to provide high levels of bonding to fluorinated film
- Minimal puncture force required
- Low oxygen transmission even after puncturing
- Low reactivity ingredients and cure system provide the best chemical resistance
- Liner consistently shows low swelling and low distortion
- Very low reachable elastomer formulations resulting in no discoloration of sealed chemicals



## Diaphragm Design & Manufacturing Leader

DiaCom Corporation, an ISO 9001 and AS9100 certified company, is a recognized leader in the design, manufacture and application of innovative, high performance molded diaphragm seals. DiaCom serves a variety of markets worldwide including industrial, automotive, aerospace, food processing, water control, medical instrumentation, appliances and others. DiaCom offers state-of-the-art diaphragms designed for cost effectiveness, ease of installation, conservation, durability, and high performance characteristics.

 **DIA.COM CORPORATION**  
The Diaphragm Company  
Online Guidebook: [www.diacom.com](http://www.diacom.com)

5 Howe Drive Amherst, NH 03031 USA

Phone: 800.632.5681 603.880.1900 Fax: 603.880.7616

Internet: [www.diacom.com](http://www.diacom.com) Email: [sales@diacom.com](mailto:sales@diacom.com)



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