

# New and Improved AcroSeal® Packaging



*Innovative quadrant septum offering superior performance and quality.*

The industry-leading packaging system for air and moisture sensitive reagents, AcroSeal is designed to deliver the best performance and convenience in the marketplace.

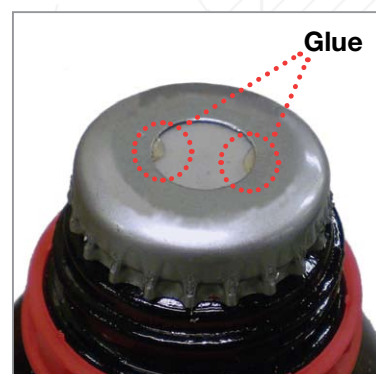
The new and improved AcroSeal septum (patent pending) was developed from a polymeric elastomer with surfaces coated with inert fluoropolymer. It offers significant improvement on the performance and quality over the previous generation septum. AcroSeal is the most innovative system for aggressive solvents and reagents.

## Features and Benefits:

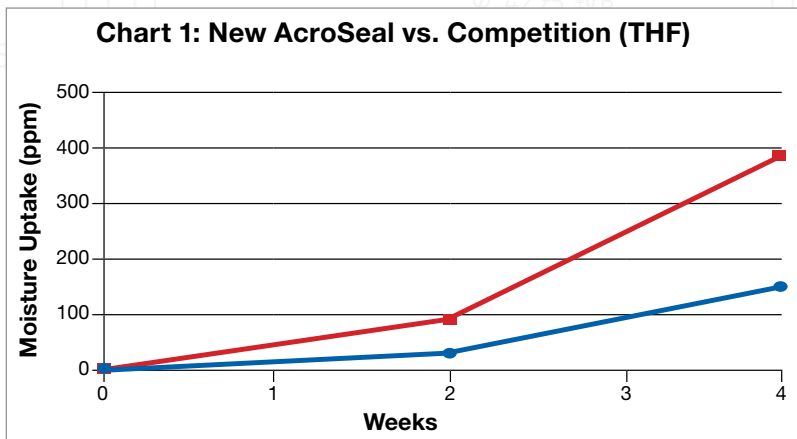
- The rate of moisture uptake was reduced by more than 50% for tetrahydrofuran (THF) when compared to competitor packaging (see Chart 1)
- The specially designed multi-layer septum retains its physical integrity significantly better and ensures better re-seal than the previous generation
- Unlike competitor packaging, the AcroSeal system is adhesive-free to reduce the risk of contamination (see Picture 1)
- Convenient quadrant-style screw cap offers large surface area for multiple punctures and easy access to larger volume of solvent



Picture 1:  
Competitor's Packaging



Glued septum invites contaminants



See back for the list of commonly used solvents available in the new and improved AcroSeal packaging.

# Extra-Dry Solvents Available in the New AcroSeal® Packaging

We offer extra-dry solvents in two different grades with moisture content less than 50ppm (at time of packaging):

- Molecular Sieves Grade: Stored over molecular sieves for prolonged shelf life
- Supreme Grade: Filtered through 0.2 micro filters for dust-free applications

Description	Molecular Sieves (Volume: Cat. No.)	Supreme (Volume: Cat. No.)
Acetonitrile	100mL: 364311000 500mL: 364315000 1L: 364310010 2.5L: 364310025	100mL: 326811000 1L: 326810010 2.5L: 326810025
Dichloromethane	100mL: 348461000 500mL: 348465000 1L: 348460010 2.5L: 348460025	100mL: 326851000 1L: 326850010 2.5L: 326850025
Diethyl Ether, stabilized	100mL: 364331000 500mL: 364335000 1L: 364330010 2.5L: 364330025	100mL: 326861000 1L: 326860010 2.5L: 326860025
N,N-Dimethylformamide	100mL: 348431000 500mL: 348435000 1L: 348430010 2.5L: 348430025	100mL: 326871000 1L: 326870010 2.5L: 326870025
1,4-Dioxane, stabilized	100mL: 364341000 1L: 364340010 2.5L: 364340025	100mL: 326891000 1L: 326890010 2.5L: 326890025
Methanol	100mL: 364391000 500mL: 364395000 1L: 364390010 2.5L: 364390025	100mL: 326951000 1L: 326950010 2.5L: 326950025
Methyl Sulfoxide	100mL: 348441000 500mL: 348445000 1L: 348440010 2.5L: 348440025	100mL: 326881000 1L: 326880010 2.5L: 326880025
Pyridine	100mL: 364421000 1L: 364420010 2.5L: 364420025	100mL: 339421000 1L: 339420010 2.5L: 339420025
Tetrahydrofuran, stabilized	100mL: 348451000 500mL: 348455000 1L: 348450010 2.5L: 348450025	100mL: 326971000 1L: 326970010 2.5L: 326970025
Toluene	100mL: 364411000 500mL: 364415000 1L: 364410010 2.5L: 364410025	100mL: 326981000 1L: 326980010 2.5L: 326980025

\*Additional products will be made available in the new and improved packaging in the near future.

## Usage Recommendations:

- Use a clean and dry 18- to 24-gauge, deflected non-coring needle
- Never puncture septum through the same hole
- Hold the bottle in an upright position when withdrawing reagents

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