

Multiform CSF® Flip-Top Vial

With Multiform Silica Gel or Molecular Sieves Coated Solid Forms (CSF)

Advantages

- Headspace maintained at <1% Equilibrium Relative Humidity for 3 years at 25 °C/60% RH external conditions
- No interference from desiccant-thermoplastic lip inside vial
- No desiccant-thermoplastic channeling-agent migration
- No packaging line changes; directly interchangeable with existing vial
- Faster rate of adsorption and redesiccation during consumer-use
- Available without desiccant
- Vial with CRC Closure Available
- DMF on File

Applications

- In-Vitro Diagnostic Test Strips
- Nicotine Lozenges
- OTC Drug Products
- Effervescent Tablets

Reduce Cost and Supply Risk with Multiform CSF® Flip-Top Desiccant Vials

Flip-Top Desiccant Vials have become a practical solution for in-vitro diagnostic test strips and several OTC drug products, gaining popularity for their simplicity and ease of use by consumers.

The integrated desiccant design provides for the required protection against physical and chemical degradation and serves to ensure that healthcare products' stability and effectiveness are maintained.

High cost, in addition to excessive desiccation, and single-sourcing, have been issues of major concern with the current industry offering of desiccant vials. Such concerns can readily be resolved with Multisorb's Multiform CSF® Flip-Top Desiccant Vials.



Multiform Coated Solid Forms: Active Protection inside the Vial

The functionality of the Multiform CSF® Flip-Top Desiccant Vial is based on the Multiform CSF®, a compressed Silica Gel or Molecular Sieves desiccant product incorporated in the base of the flip-top vial.

Multiform CSF® desiccant products are currently used in the packaging of a variety of healthcare products, including respiratory drug delivery systems, solid-oral dose drugs, and in-vitro diagnostic devices.

Multiform CSF® is produced using advanced aseptic manufacturing processes, FDA approved, pharmaceutical-grade ingredients, and has a Drug Master File (DMF)—providing our customers with the highest level of quality assurance.



Multisorb's CSF® Solution Provides a Three Fold Benefit

1. Less desiccant than competing vials to insure healthcare product stability profile is maintained while providing lower cost vials.
2. Design and positioning of the CSF insert assures packaging operations are optimized and not interrupted (due to insert problems with a stepped sidewall).
3. Local sourcing, available via facilities in the United States, Europe, Central America and South America assures supply continuity and multi-sourcing options.

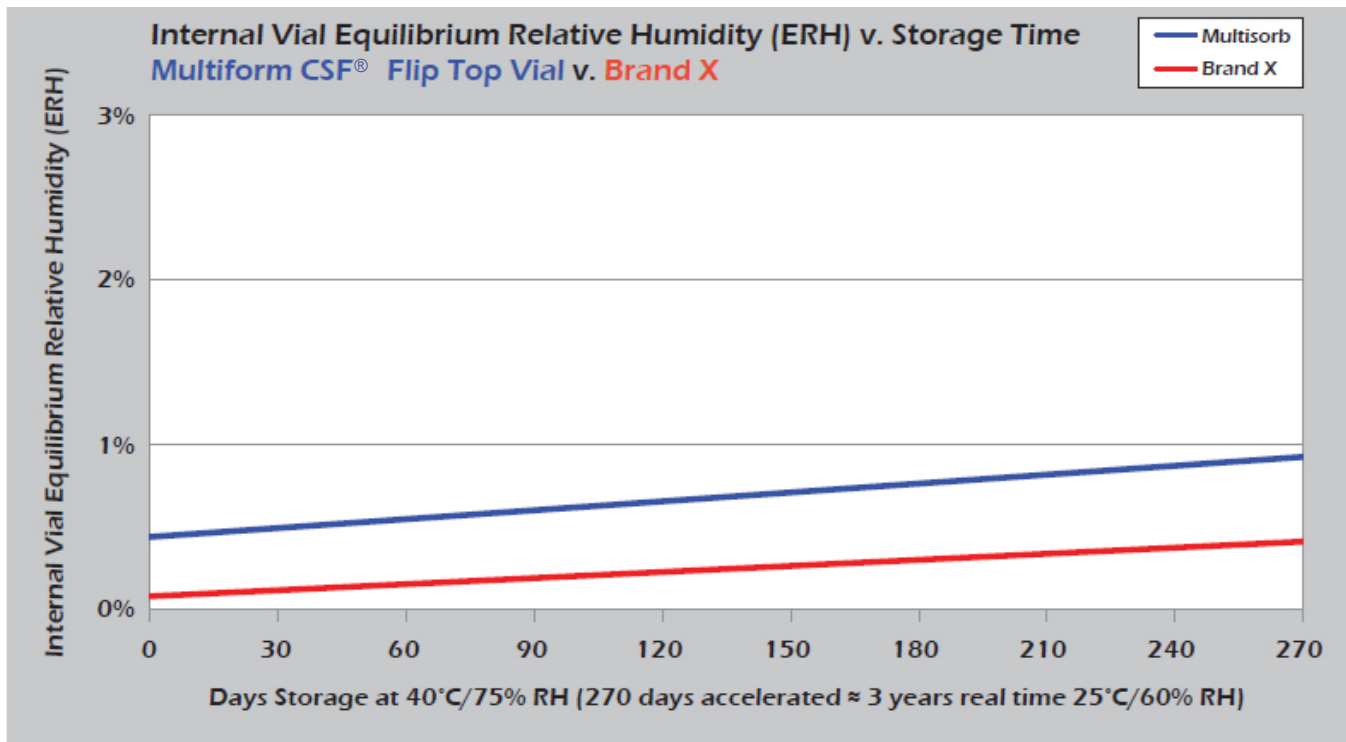


MULTISORB
Technologies

Multiform CSF[®] Flip-Top Vial

With Multiform Silica Gel or Molecular Sieves Coated Solid Forms (CSF)

Equivalent Protection, So Why Pay More or be Single-Sourced?



Flip-Top Vial + CSF Desiccant Disk: Static + Active Packaging = Stability

The polypropylene flip-top vial is specially designed to offer very low moisture ingress, including vial/closure interference and resin selection.

Inserted into the flip-top vials directly off the injection mold, the CSF desiccant disk is safely secured into the vial base— virtually impossible to remove unless the vial is destroyed.



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