
# Cap Liner Types

Selecting the type of liner for your cap is one of the most important factors of cap selection. Some liners withstand chemicals better then others, while other liner types tend to be better moisture barriers. Below is a list of commonly used liner types and brief descriptions.


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## Products


- **Glass Bottles**
  - -- Blue
  - -- Amber
  - -- Clear
  - -- Green
  - -- Frosted
- **Glass Jars**
- **Glass Vials**
- **Plastic Bottles**
  - -- PET Bottles
  - -- PE and Other
  - -- Tubes & Vials
  - -- Labware
- **Plastic Jars**
- **Pails, Drums**
- **Metal Containers**
  - -- Metal Tins
  - -- Metal Cans
- **Caps / Closures**
  - -- Plastic Caps
  - -- Metal Caps
  - -- Dispensing Caps
  - -- Pumps, Atomizers
  - -- Glass Droppers
  - -- Brush Caps


## Shop By Industry


- Cosmetic Containers
- Candle Jars
- Candle Tins
- Lip Balm Supply
- Wedding Favors
- Shrink Bands


**Poly-Vinyl :** A poly-vinyl film adhered to a white pulp paper backing. It is a good liner type for chemical resistance, mild acids, alkalis, solvents, alcohols, oils and aqueous products; not recommended for active hydrocarbons or bleaches.

**F-217 :** a three-ply material. F-217 has a low density foam core between two solid layers of low density polyethylene. F-217 has excellent chemical resistance and low moisture transmission rate. F-217 also has good taste and odor resistance.

**PS 22 :** A pressure sensitive foam liner with one adhesive side that sticks to the container with the pressure used to place the closure on the container. When the closure is remove the pressure sensitive liner remains on the top of the container.

**Induction liner:** A specialized laminate containing aluminum foil and a plastic heat sealable film that hermetically seals to a container through the use of a machine that produces an electromagnetic current which releases the foil lining on to the container achieving a tight seal. Induction liners are available with pull tabs and pealable versions so not to leave residue on the container once removed.

**Foamed Polyethylene :** A good general-purpose liner material. It has a broad application base, chemical resistance, good for acids, alkalis, solvents, alcohols, oils household cosmetics and aqueous products. It is fairly poor for hydrocarbon solvents.

**Poly-Seal cone lined ™ :** Made out of LDPE plastic, the poly-seal cone lined cap provides a wedge type seal that not only seals across the top of the container, it also seals across the inside diameter. This liner is stress crack

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resistant and offers superior torque retention and excellent sealing characteristics. This liner is commonly used for liquid products. This liner should be tested first to make sure leaking does not occur.

**Teflon Faced Foamed Polyethylene :** A teflon lined foamed polyethylene that has excellent chemical resistance of teflon with the compressibility and sealing properties of polyethylene foam. Typical uses of teflon faced foamed polyethylene included: analytical lab samples, high purity chemicals, strong acids solvents. Uses included environmental samples, pharmaceuticals, and diagnostic reagents.

**Pulp Metal Foil :** A polyester film laminated to aluminum foil, bonded to pulp board. Pulp metal foil liners have good barrier properties, as well good resistant to hydro carbonates, oils, ketones and alcohols, the pulp metal foil liner is not recommended for acids or alkalis.

If you are looking for a closure with a certain liner and don't see one that fits your needs in our **cap index**, then let us know. **>> Email Request**

**NOTE:** As always we recommend that you test your products with the liner/closure/container for compatibility prior to use.