ED - SEAL

INDUCTION CAPSEALING SOLUTIONS

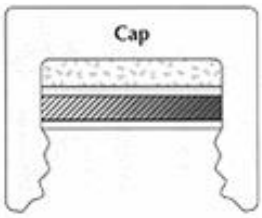
- Leak Proof
- Tamper Proof
- Safe & Hygienic
- Increase Shelf Life
- Retains Aroma
- Moisture Proof

Introduction

Introduction to Induction Heat Seal Process

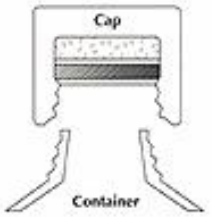
The induction sealing process involves an induction current being applied to a metal liner in a plastic cap. The bottle is first filled and then cap is applied. The cap already has the liner inside. The liner contains the sealing material adhered to a foil layer. The induction current heats the foil liner, melting the sealant. The pressure of the threaded cap upon the bottle provides the required pressure. As the sealing layer cools, it adheres to the bottle.

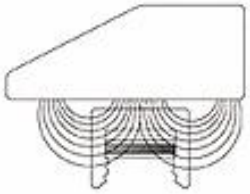
1



Post Filling, an Induction Seal in inserted into the cap either manually or by a wad fitting equipment

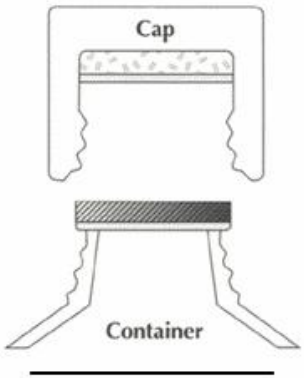
2





The container is filled and capped in a standard operation and then passed beneath the sealing coil through a conveyor.

3



After removing the cap, the foil remains bonded to the lip of the container is retained in the retaining ring provided in the head space of the cap & the backing board

Why Induction Seal?

Induction Seals are preferred over conventional sealing methods due to the following:

- Tamper Evidence
- Leak Proof
- Product Freshness
- Protection against oxidation / contamination
- Safe & Hygienic Process
- Attractive Product Promotion
- High Productivity
- Less / NO Product Damage

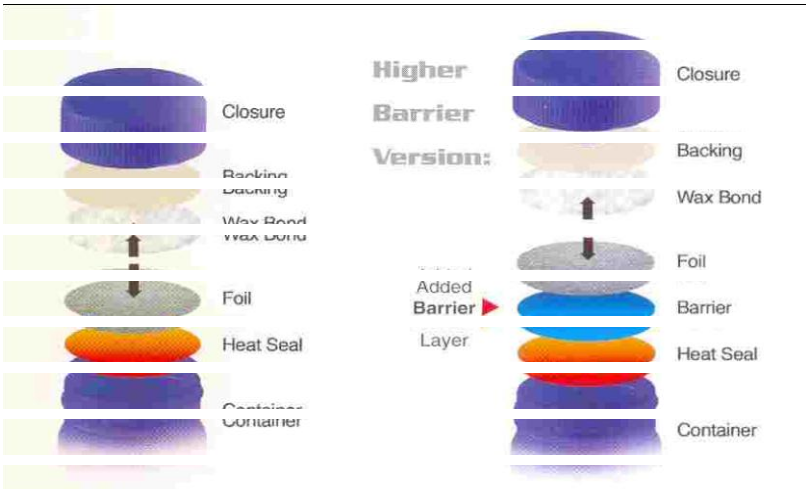
Types of Wad-Seal Liners

One Piece Wad-Seal

The Wad-Seal is fitted into the cap. The container is screwed with a wadded-cap. The capped-container is passed under the Induction Heat Sealer. This seals the entire liner to the mouth of the container.

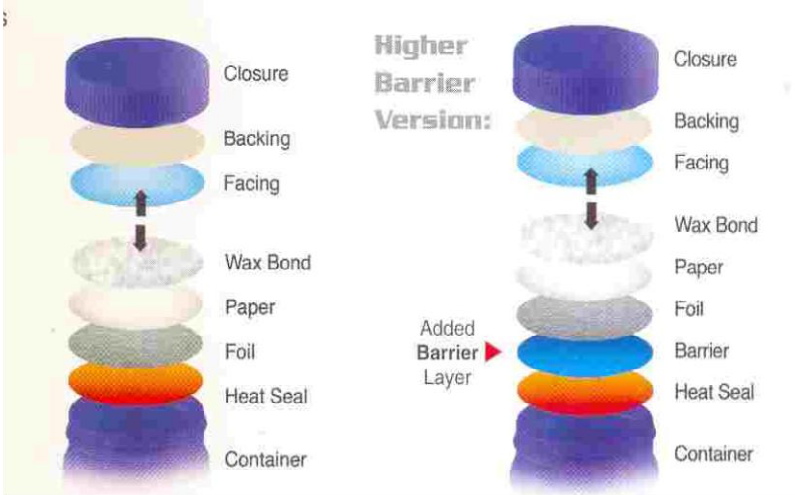
Two Piece Wad-Seal

The Wad-Seal is fitted into the cap. The container screwed with a wadded-cap. The capped-container passed under the Induction Heat Sealer. The sealant material bonds to the mouth, simultaneously the wax melts and gets absorbs in the backing material. Wax being the backing material. Wax being the bonding layer splits the seal. Backing material remains permanently in the cap.



Two Piece High-Barrier Wad-Seal

The Wad-Seal is fitted into the cap. The container is screwed with a wadded-cap. The capped-container is passed under the Induction Heat Sealer. The sealant material bonds to the mouth, simultaneously the wax melts and gets absorbs in the backing material. Wax being the bonding layer splits the seal. This seal has an extra paper barrier. Backing material remains permanently in the cap.



ED Seals - Selection by Container Type

Container Type	ED Wad-Seal	Features	Applications
PE	Universal PE	Pilfer, leak-proof	Lubricants
	Strong PE	WVTR, MVTR	Edible Oils
	Pharma PE	100% Food Grade	Pharmaceuticals
	Foam15	Double Al Protection	Brake-Fluids
	Alone	One Piece	Confectionaries
PET & PVC	SurePETweld	Pilfer, leak-proof	Powders
	StrongPETweld	WVTR, MVTR	Edible Oils
	PharmaPET	100% Food Grade	Syrups
	Foam15	Double Al Protection	Pesticides
	Alone	One Piece	Pickles
PP	Universal PP	Pilfer, leak-proof	Chocolate Sauce
	Strong PP	WVTR, MVTR	Tomato Ketchup
	Pharma PP	100% Food Grade	Creams & Ointments
GLASS	Universal Glass	Pilfer, leak-proof	Coffee
	Strong Glass	WVTR, MVTR	Pickles
PS	Universal PP	Pilfer, leak-proof	Lubricants

Backing Materials

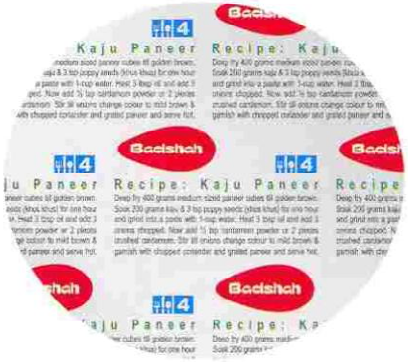
Duplex Board	0.5mm, 1mm	Economic	Lubricants
Virgin Board	0.5mm, 1mm	Premium	Foods & Beverages
Expanded Polyolefin	0.5mm, 1mm, 1.5mm	Reliable	All
Thin Foam	0.262mm	One Piece	All

Print Options For Wad-Seals

After purchasing the product, the inner seal becomes a vital channel of trust and satisfaction for the consumer. ED Seals thus become an ideal media for communicating various messages. ED Seals are available with standard and random imprints as well as customized to suit you targets.

Generic Advice

Brand Promotion



Recipes

Proof of Purchase

Special Offers for Gaming

Instructions for Use

Embossed Liners

Holographic Liners

Special Promotions

INDUCTION CAPSEALING SOLUTIONS

Wide Spectrum of Application

- Pharmaceutical
- Dental
- Herbal Products
- Personal Care
- Petrochemical
- Pesticides
- Sp. Chemicals
- Liquid Detergents
- Dairy
- Confectionary
- Spices & Condiments
- Tea & Coffee

ED - SEAL

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