

ISO 9001:2008
ISO 22000:2005

 NICHROME



FILPACK ASEPTIC

UHT Plain Milk | Flavored Milk | Lassi | Butter Milk | Juice Drinks
| Cooking Cream | Ice Cream | Yogurt



About Aseptic

The concept of Aseptic packaging is packing a sterile product without re-contamination in a Aseptic packing system to give long shelf life to the product (60 to 180 days) at ambient temperature eliminating cool chain. The product is processed at Ultra High Temperature (UHT) upto 140°C for a brief period and rapidly cooled to room temperature to approx. 20°C. This eliminates bacteria / micro-organisms harmful for human consumption without losing the nutritional value of the product making it sterile.

Why Nichrome Aseptic Pouch

- Extended shelf life at ambient temperature means larger distribution reach
- Avoids cool chain during distribution, storage and at the point of sale reducing the logistics costs
- Low packing material cost
- Easy Recycling of packing material

Potential Markets

- School - Milk program • Retail chain shelf presence • Institution / Military Supply
- Distant / Export market possibilities • Suppliers for disaster management

Packing Material

- 5 layer Co-Extruded pigmented EVOH based film
- Film thickness approx. 85 microns

Technical Specifications

Model	AS 2000 L	AS 4000 L
Machine type	Single head	Double head
Machine output (max. upto)	500 ml - 2000 pouches / hr 1000 ml - 1500 pouches / hr	500 ml - 4000 pouches / hr 1000 ml - 3000 pouches / hr
Quantity Range	100 ml to 1000 ml	
Pouch Width	155 mm (or as per customer specifications)	
Machine Operation	Electro - pneumatic	
Film Sterilization	Hydrogen peroxide - 35% concentration.	
Filling System	Gravity type continuous filling system	
Film Specs	Thickness 85 microns, Max Roll Dia -300 mm (Jumbo roll option available)	
Electrical Requirement	Input Supply 415 V, 50 Hz, 3 ph 4 wire (other options on request)	
Cooling water	Flow rate 200 l / hr @ 8° to 12° C 400 l / hr @ 8° to 12° C	
Compressed Air	a) for machine 30 m ³ / hr @ 6 bar 60 m ³ / hr @ 6 bar	
b) for dry, oil free air from blower	800 l / min @ 0.8 bar 1200 l / min	
Steam consumption for sterilisation	35 kg / hr @ 1.5 to 2.5 bar min 60 kg / hr @ 1.5 to 2.5 bar min	
Integrated CIP Unit	Included	
Machine Dimensions (W x D x H) approx.	2016 mm x 977 mm x 3202 mm	

Optional Accessories

- Automatic pouch counting and crating system
- Inkjet printer
- Date / Batch coding system

Pouch Styles



3 Side Seal Pillow Pouch



Filpack Aseptic Systems

Sterilizer Capacity	Required Filpack Aseptic Machines		
2000 litre / hr	250 ml pack 2 nos. Double Head	500 ml pack 1 nos. Double Head	1000 ml pack 1 nos. Double Head
4000 litre / hr	4 nos. Double Head	2 nos. Double Head	1 nos. Double Head



NICHROME

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Continuous up-gradation is our policy. The machine photographs and specifications are subject to change. The specifications, performance parameters are product dependent & are subject to change due to our policy of continuous innovations.