

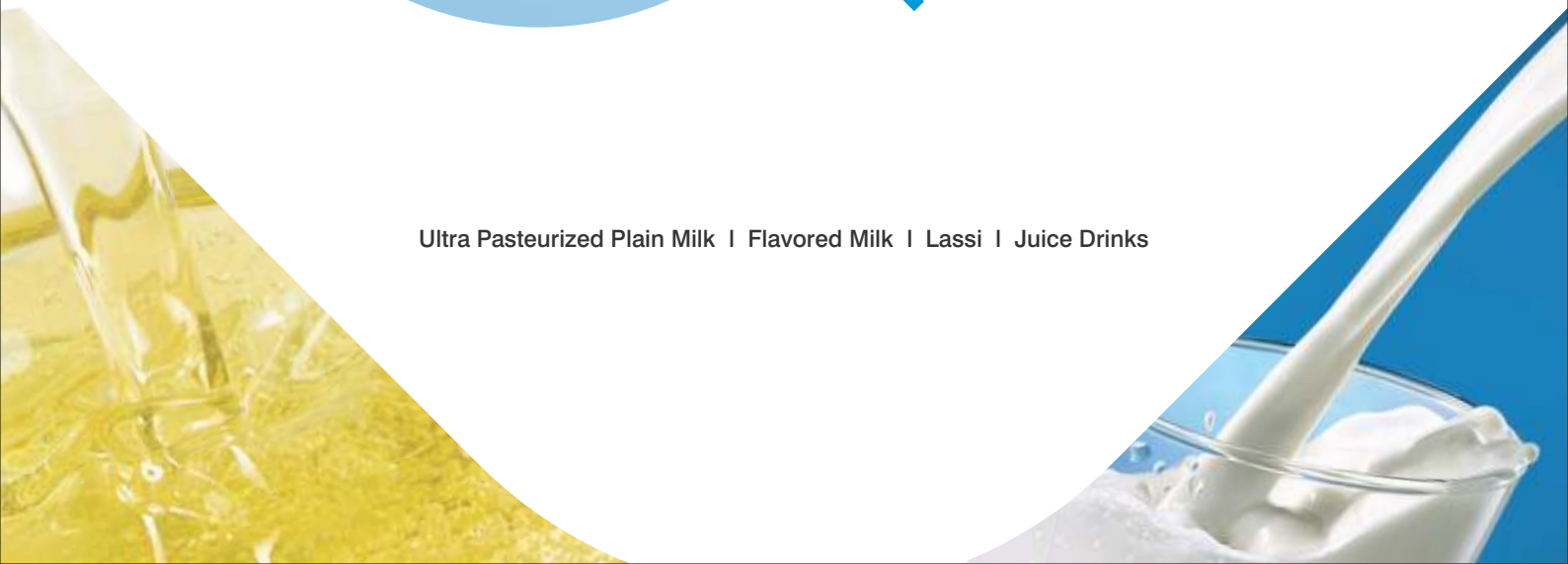
ISO 9001:2008
ISO 22000:2005

 **NICHROME**



FILPACK ESL

Ultra Pasteurized Plain Milk | Flavored Milk | Lassi | Juice Drinks



What is ESL Packaging System

ESL packaging means extended shelf life of milk up to 15 days when stored, transported and distributed at temperatures below 7°C. In this process the milk is pasteurized at temperature of 95° to 125° C and cooled to about 4°C and directly fed to a Filpack ESL Packing Machine. This ensures the 15 days shelf life of milk at temperatures below 7°C.

The ESL Process

In the pouch packing machine the packaging film will be cleaned using hydrogen peroxide and product-filling path by steam. Sterile air will be used to create modified atmosphere around the product while filling. This system will ensure no re-contamination of the milk by packaging material or aerial contamination from the surrounding atmosphere.

Why ESL

Extended shelf life up to 15 days under cool chain for pasteurized liquids.

Lower capital investment

Increased distribution range

Packing Material

Packing film required is 3 layer, pigmented, 85 micron thick plastic film

Technical Specifications

Model	ESL2400L	ESL4800L
Machine type	Single head	Double head
Machine output (upto)	500 ml - 2500 pouches / hr	
Pack / Quantity Range	100 ml to 1000 ml	
Pouch Width	155 mm (or as per customer specifications)	
Machine Operation	Electro-pneumatic	
Film sterilization	Gravity type continuous filling system	
Electrical Requirement		
Input Supply	415 V AC, 50 Hz, 3 ph 4 wire	415 VAC, 50 Hz, 3 ph 4 wire
Film Reel	Thickness 85 microns, Max Roll Dia - 300 mm (Film light and Oxygen barrier)	
Cooling water		
Flow rate	200 l / hr @ 8° to 12° C	400 l / hr @ 8° to 12° C
Compressed Air		
a) for machine	30m ³ / hr @ 6 bar	60m ³ / hr @ 6bar
b) for dry, oil free air from	800 l / hr @ 0.8 bar	1000 l / hr @ 0.8bar
Steam consumption for	35 kg / hr @ 1.5 to 2.5 bar min	60 kg / hr @ 1.5 to 2.5 bar minzz
Machine Dimensions	3203 mm x 860 mm x 1545 mm (W x D x H) approx.	

Optional Accessories

- Automatic CIP system
- Jumbo film roll trolley
- Date / Batch coding system

Pouch Styles



3 Side Seal Pillow Pouch



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.