

Aseptic Pouch Packing System



This new concept in packaging avoids cold chain during transportation. Storage and at the point of sale thus conserving precious energy. Aseptically packed products for e.g. milk is processed at Ultra High Temperature (UHT) where it is treated at approx. 135 degrees C. for a brief period and rapidly cooled to room temperature at approx. 30 degrees C. This practically eliminates all bacteria / micro organisms harmful for human consumption without losing the nutritional value of the product and making it safe for the consumption. In aseptic packing system, the sterilisation of the film is ensured and the packing is done in sterile atmosphere to avoid contamination while filling the product.

Advantages Of Aseptic Pouch:

- Longer shelf life of the product at the ambient temperature.
- No refrigeration is required for transport, storage or at point of sale.
- Increase in the distribution area. • Improved health and hygiene standards while maintaining the nutritional value of the product.
- Export opportunities for milk, processed milk etc. • Change in the way product is sold, i.e. in the Kiosks, pan shops etc. as no refrigeration is required at point of sale.
- Aseptic Pouch Packing System can be coupled with the UHT processing plants of any make.
- It is cost effective compared to the high cost brick packing machines.
- This system provides ultimate cost effective packaging solution compared to metal tin packaging.
- It has a web sterilisation chamber where the packaging material is sterilised before the product is filled.
- It is equipped with CIP (Cleaning in place) and SIP (Sterilisation in place) systems to achieve sterility and maintain hygienic conditions.
- It has flexibility of using variety of packaging material.
- This system can aseptically pack UHT treated milk, flavoured milk, fruit pulps, fruit juices etc.
- The packing material used by Aseptic Pouch Packing System is recyclable.
- Machine available in single or double head version

Product Applications:

Milk, Milk Shakes, Soya Milk, Fruit Juices, Fruit Purees, Fruit Concentrates etc.

System Component Exported by:

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