



SOFT CHEESES

EXTENDING SHELF LIFE WHILE MAINTAINING THAT FARM FRESH TASTE

High Pressure Processing (HPP) is a non-thermal food processing technology that allows for cheeses to obtain extended shelf life, while preserving nutrients and those farm fresh flavors. Extended shelf life is due to the microorganism inactivation achieved by HPP which avoids safety issues caused by under-cooking - inactivating pathogenic & spoilage vegetative bacteria, yeasts and molds.

The beverage category utilizes HPP pressure ranges between 58,000 psi and 87000 psi, and is typically applied from just a few seconds up to 5 minutes at refrigerated or room temperatures.

Unlike thermal pasteurization, HPP technology does not break or create covalent bonds, nor does it create new compounds by molecular degradation. It allows microorganism inactivation without modifying the foods natural qualities nor reducing its enzymatic activity - refrigeration further minimizes residual microorganism growth and enzymatic changes.

Shelf life is typically increased 3-10x when compared to the same product without HPP, stored at the same temperatures.

| CATEGORY | SHELF LIFE TODAY | EXPECTED HPP SHELF LIFE | HPP BENEFITS | PACKAGING FORMATS |
|----------------------|------------------|-------------------------|---|---------------------------------------|
| BRIE | 7-15 Days | 45-60 Days | Does not affect taste. | Roll stock film and pouches. |
| MOZZARELLA | 7-15 Days | 35-50 Days | Eliminates the need to heat treat product - nutrients are retained and food quality is natural and fresh. | Must have some degree of flexibility. |
| SOFT CHEESE 3 | 7-15 Days | 35-50 Days | | |
| SOFT CHEESE 4 | 7-15 Days | 35-50 Days | Eliminates risk of various food-borne pathogens & vegetative microorganisms. | |
| SOFT CHEESE 5 | 7-15 Days | 45-60 Days | | |
| SOFT CHEESE 6 | 7-15 Days | 45-60 Days | | |

POST HPP PACKING CAPABILITIES

- Cycle code printing
- Date coding of product & outer case
- Lidding, master-case building, shrink wrapping & binding
- Pallet consolidation
- Ice pack production
- Full traceability

COLD CHAIN LOGISTICS

- Cross docking
- Consolidation Services
- Frozen & Refrigerated Storage

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