

DIPS, SALSA & DRESSINGS



EXTENDING SHELF LIFE WHILE MAINTAINING THAT FARM FRESH TASTE

High Pressure Processing (HPP) is a non-thermal food processing technology that extends the shelf-life and food safety of salad dressings & sauces, while preserving their nutrients, fresh flavors and appearance. In this category of food products, the pressure range used is between 72,000 psi and 87,000 psi over a few minutes, under refrigerated temperatures. Ingredients, flavors and emulsion properties are respected in safer and fresher products. This application is very successful in mayonnaise products.

Regarding to a physiochemical effect on food, the HPP technology is gentler than thermal processing: it does not break or create covalent bonds, and does not create new compounds by molecule degradation, such as in a conventional thermal process. It allows for microorganism inactivation without modifying the food's nutritional qualities and without significantly altering enzymatic activity. To minimize the residual microorganism growth, the enzymatic reactions, and changes in sensory attributes, these products must be stored at chilled temperatures.

CATEGORY	SHELF LIFE TODAY	EXPECTED HPP SHELF LIFE	HPP BENEFITS	PACKAGING FORMATS
DIPS	10-20 Days	70-90 Days	Does not affect taste.	Clear plastic PET containers, Semi-Rigid Trays, Roll Stock Film & Pouches. Must have some degree of flexibility.
HUMMUS	10-20 Days	70-90 Days	Eliminates the need to heat treat product - nutrients are retained and food quality is natural and fresh.	
SALSA	10-20 Days	70-90 Days	Eliminates risk of various food-borne pathogens & vegetative microorganisms.	
DRESSINGS	10-20 Days	70-90 Days	Provides a true clean label opportunity - in sync with consumer trends.	

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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