



WET SALADS

EXTENDING SHELF LIFE WHILE MAINTAINING THAT FARM FRESH TASTE

High Pressure Processing (HPP) is a non-thermal food processing technology that allows fresh foods containing fruit, nuts and vegetables to obtain extended shelf life, while preserving nutrients and that farm fresh taste by inactivating pathogenic & spoilage vegetative bacteria, yeasts and molds. High pressure is applied on final packaging, so recontamination after processing is avoided. With increase demand for clean label, low sodium, additive and preservative free foods, Wet Salads are a perfect application for HPP.

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.

The Wet Salad category utilizes HPP pressures at 87000 psi, and is typically applied for 3 minutes at refrigerated temperatures. 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
GRAIN SALADS	7-10 Days	35-50 Days	Does not affect taste. Eliminates the need to heat treat product - nutrients are retained and food quality is natural and fresh. Eliminates risk of various food-borne pathogens & vegetative microorganisms. Provides a true clean label opportunity - in sync with consumer trends.	Clear plastic PET containers are best. Must have some degree of flexibility.
PASTA SALADS	7-10 Days	35-50 Days		
CHICKEN SALADS	7-10 Days	35-50 Days		
EGG SALADS	7-10 Days	35-50 Days		
TOMATO SALADS	7-10 Days	35-50 Days		
POTATO SALADS	7-10 Days	35-50 Days		
TABOULI	7-10 Days	35-50 Days		
HUMMUS	7-10 Days	35-50 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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