

READY-TO-EAT MEALS



INCREASING SHELF LIFE AND FOOD SAFETY NATURALLY

High Pressure Processing (HPP) is a non-thermal food process technology that allows ready-to-eat (RTE) meals made with meat, seafood, fish, vegetables or carbohydrates to obtain an extended shelf life while preserving all homemade flavors. High pressure is applied in the final packaging, so recontamination after processing is avoided. HPP destroys microorganisms without any changes in taste or flavors compared against the original product. In addition, with the increase in demand for clean label, preservative-free & low sodium products, HPP is the perfect solution for preserving Ready-To-Eat foods.

HPP benefits:

- Inactivating pathogenic & spoilage vegetative bacteria, yeasts and molds. High pressure is applied on final packaging, so recontamination after processing is avoided.
- Sensorial food quality is maintained.
- Possibility of manufacturing preservative free or low sodium products.
- Cooking time can be reduced: overcooking is avoided.

| CATEGORY | SHELF LIFE TODAY | EXPECTED HPP SHELF LIFE | HPP BENEFITS | PACKAGING FORMATS |
|---------------------|------------------|-------------------------|---|--|
| CREAMY PASTA DISHES | 3-5 Days | 45-60 Days | Does not affect taste. | Clear plastic PET bottles are best. Must have some degree of flexibility. |
| WET SALADS | 3-10 Days | 35-50 Days | Eliminates the need to heat treat product - nutrients are retained and food quality is natural and fresh. | |
| SOUPS AND CHOWDERS | 3-10 Days | 35-50 Days | Eliminates risk of various food-borne pathogens & vegetative microorganisms. | |
| PRE-COOKED PROTEINS | 3-5 Days | 35-50 Days | Provides a true clean label opportunity - in sync with consumer trends. | |
| JAMBALAYA/STEWES | 3-5 Days | 45-60 Days | | |
| STIR-FRY | 3-10 Days | 45-60 Days | | |
| PIZZAS | 3-10 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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