



**Industrial Product Specification**  
**HOT BREAK TOMATO PASTE**

31% NTSS Tomato Paste - Hot Break Containers

- 55 Gallon Sterilpac Drum
- 55 Gallon Aseptic Bag in Fiber/ISO Metal Drum
- 300 Gallon Aseptic Bag in Bin

I. GENERAL

Tomato Paste shall be processed from the liquid obtained from mature, whole red tomatoes that contains no additives, and is produced in accordance with good commercial practice. The raw material shall conform in every respect to the provision of the Federal Food, Drug and Cosmetic Act and any regulations promulgated thereunder.

II. PRODUCT REQUIREMENTS

INGREDIENTS: Tomatoes

CHARACTERISTIC	LEVEL
<u>Chemical and Physical</u>	
Natural Tomato Soluble Solids at 20 C	31% +/- 0.5%
Consistency - Bostwick (Hot Break) (12% Total Solids 30 Sec. at 20 C Day of Pack)	3.0 – 7.5 cm Maximum time of pack
pH	4.3 +/- 0.2
Color (Hunter Lab Colorimeter)	45 to 50 Points, Grade A
Finish (To Customer Specifications)	.027, .033, .045, .060, .078, or .090 Screen
Defects	Meet USDA Requirements
Specific Gravity	1.1466 (~9.55lb/gal)

**NOTE: All physical characteristics are packed to individual customer specifications.**

Microbiological

Commercially Sterile

Mold Count (USDA-Howard Mold Count Procedure)	40% MAXIMUM Acceptance Level
Fly eggs, worms, insect fragments	Not to exceed USDA tolerance

<u>Net Weight</u>	- 55 Gallon Drum	535 lbs. +/- 5 lbs.
	- 300 Gallon Bin	2870 lbs. +/- 30 lbs.
<u>Cube Size</u>	- 55 Gallon Drum	11.0 Cubic Feet
	- 300 Gallon Bin	52.86 Cubic Feet