

# Food & Beverage Industry

The demands and burden made on the food and beverage industry are abundant and ranging from health and financial issues to ecological concerns. In answer to these challenges, Amrit Filtration Equipments has developed, tested, and successfully implemented strong cost-effective solutions.

Amrit Filtration Equipments offers outstanding after market tune-up service. Parts come as superior as original gear manufacturer so customers can be positive they are getting a quality product consistently.

- **Brewing**

Collagen is found in the byproducts of animals, particularly pig hides and cowhides. These hides are cleaned by hot water extractors to take away fat and grease. Each one is treated in a base procedure of either an Alkali Process or Acid Process as well as then cooked at controlled temperatures to take out the gelatin. The extracted gelatin needs to be filtered to get rid of all impurities. Amrit Filtration Equipments' filter reduces impurities in the gelatin to one PPM with particle sizes to 0.5 micron.

- **Gelatin**

Collagen is found in the byproducts of animals, especially pig hides and cowhides. These hides are cleaned by hot water extractors to remove fat and grease. Each is treated in a base process of either an Alkali Process or Acid Process and then cooked at controlled temperatures to extract the gelatin. The extracted gelatin needs to be filtered to remove all impurities. Amrit Filtration Equipments' filter reduces impurities in the gelatin to one PPM with particle sizes to 0.5 micron.

- **Sugar**

After the raw juice is extracted, milk of lime and carbon dioxide bubbles are further added in what is called the "Carbonation Step" that forms calcium carbonate. After a second Carbonation Step is performed, the ensuing supernate must be filtered to do away with the fine calcium carbonate particles. Amrit Filtration Equipments supplies filters to eliminate these particles and flow to huge clarity.

## Juices

Fruit juice, generally apple juice, and berry juice processing have undergone extensive changes lately. The conventional juice clarification procedure (fining method) has been moderately replaced with warm juice action such as ultra- and micro-Filtration processes and in doing so processing- and Filtration additives have been reduced. Unremitting processing methods are preferential over the batch system and the superiority and stability of the final manufactured goods is of utmost importance. We bring in **filter fabrics for Filtration of fruit juices**.

Our **filtration products for the Food & Beverage Industry** are:

1. [Dust Collector spares](#)
2. [Fluid bed dryer \(FBD\) bags](#)
3. [Liquid / solid separation solutions](#)

4. [Screening mesh](#)

**Amrit** Filtration Equipment