

# Food and Beverage Sealing Solutions

## *Cost Effective Solutions, Compliant with International Standards*

Sealing solutions in the food and beverage industry face a wide range of critical conditions. To ensure a long seal life and to obtain the best yield time possible between planned maintenance, it is vital that the seal material is matched to the media being processed. It is also important to consider the cleaning chemicals being used in the cleaning-in-place (CIP) or sterilization-in-place (SIP). Using specific details and requirements, Hi-Tech Seals can propose a cost-effective solution that is compliant with all major food and beverage standards.

Hi-Tech Seals' engineering and machining departments can manufacture an extensive range of sealing and gasket devices specifically used in the food and beverage industry. These solutions can be made from a variety of food grade materials, depending on application, including:

- Virgin PTFE
- Viton™
- Silicone
- EPDM
- Nitrile
- Polyurethane

Customers can select from one of our 120+ pre-programmed seal profiles, or create a custom seal by providing Hi-Tech Seals a sample part or a drawing. Popular food and beverage parts include:

- PTFE Mixer Seals
- Tri-Clamp Gaskets
- Mechanical Packing
- FDA Grade O-Rings
- PTFE O-Rings
- Mechanical Seals
- Energized Thermoplastic Seals
- Custom Polyurethane Seals
- Vibration Mounts
- Custom Seals
- Gaskets

Our high quality food grade parts are designed to reduce process leakage, protect the media during production, and reduce costly repairs and downtimes. Food and beverage gaskets parts feature an exceptional wear resistance and withstand extreme temperatures, aggressive materials, and vigorous cleaning methods.

