



Plastics in Food & Beverage

PLASTIC SOLUTIONS

Plastic materials can be used in a variety of food processing and packaging machinery applications.

These include friction and wear parts, plastic tubing to handle fluids, and various plastic sheet materials for conveyor guide rails as well as safe, easy-to-clean cutting boards and food preparation surfaces.

MATERIALS

- Acetal (POM)
- Acrylic (PMMA)
- Blue FDA Compliant
- HDPE
- Polycarbonate
- PET
- Polypropylene
- PTFE
- PVC
- Neoprene Tubing
- Nylon (PA)
- UHMW
- Urethane Tubing
- Metal/X-Ray Detectable

BLUE FDA PLASTICS

Blue plastics are specifically designed for use in the food industry, ensuring both safety and easy detection.

We offer blue plastic materials like acetal and UHMW that are safe for food contact and FDA-approved.

FEATURES

- FDA, NSF, USDA, 3A Dairy and other regulatory compliant materials available
- Lightweight for high speed production
- Reduced maintenance and contamination
- Long wear life
- Transparency of machinery during processes
- Resistant to heat
- Resistant to clean-in-place (CIP) & sanitize-in-place cleaning chemicals



APPLICATIONS

- Bushing/Bearing
- Cams & Cam Guides
- Conveyor Parts
- Feed Screws
- Fluid Transfer System
- Forming Dies
- Gears/Sprockets
- Guide Rails
- Machine Guards
- Prep Surfaces
- Rollers
- Scraper Blades
- Seals & Gaskets
- Star Wheels
- Wear Strips

ENVIRONMENT & SAFETY

Considering the total carbon footprint, from manufacturing costs to fabrication, plastics are more environmentally efficient than traditional materials.

They are also recyclable and safer to install, making them an optimal choice for modern food and beverage applications.

CONTACT US

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Piedmont Plastics®