



**ENGINEERING PLASTIC SOLUTIONS FOR
THE FOOD & BEVERAGE INDUSTRY**

Technical ability & engineering expertise

When considering engineering applications, those within the food and beverages industry often come to Nylacast. For over 40 years, Nylacast have been providing complex solutions that have a direct benefit to our supply chain. To our customers, these solutions make a real impact to their operating environments.

From light weight, low noise applications through to advanced FDA compliant self lubricating materials, Nylacast pride ourselves on being able to offer our customers and partners a complete engineering polymer solution.

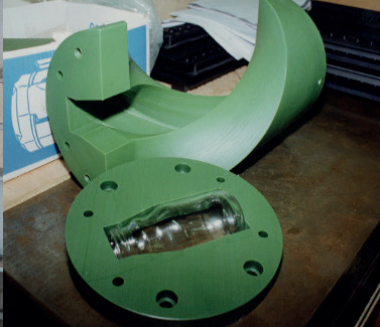
Quality, delivery and added value are key attributes of our continued success and with enhanced manufacturing processes backed up by a state of the art engineering capability; Nylacast is able to deliver to our customer's specifications in the food and beverages industry time and time again.

Case study Sieve Strainers

In this application super magnets are placed in the centre of the Nylube sieve collecting any finite pieces of metal which may have entered the production process. Previously manufactured from stainless steel which did not withstand the sugary abrasive chocolate passing through. This resulted in small pieces breaking off, only being detected later on in the production process.

The Nylacast Nylube replacement is corrosion resistant as well as being FDA and food contact approved. This solution ensured that there are no expensive product recalls.





Benefits of Nylacast components:

- Exceptional resistance to wear and abrasion
- Food grade approved material – FDA compliant
- High impact strength
- Corrosion and chemical resistance
- Self-lubricating, eliminating routine/costly maintenance
- Low co-efficient of friction
- Light weight – typically 1/7th the weight of steel
- 25 times the life of phosphor bronze
- High visibility colours for increased safety
- Significant noise reduction

Typical applications:

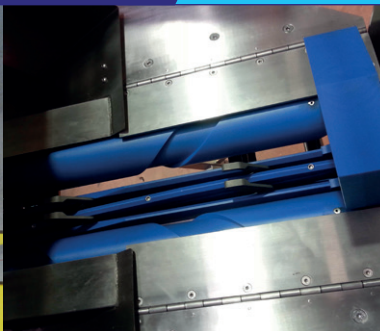
- Bearings
- Rollers
- Scrolls
- Fat Bashers
- Sprockets
- Scrapers
- Idlers
- Bushes
- Gears
- Portioning Cones
- Chain Guides
- Cams
- Moulding Drums



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DISCOVER THE FULL RANGE OF NYLACAST ENGINEERING SOLUTIONS AND PRODUCTS

METAL



POLYMER



High Friction	—	Low Friction
Corrosion Receptive	—	Corrosion Resistant
Heavyweight	—	Lightweight

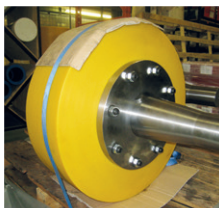
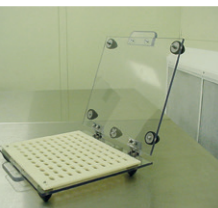
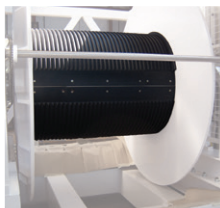
Client Requirement

Concept

Design

Analysis

Manufacture



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