

# Plastic Bearings Increase Production of Ice Cream

■ A partnership with  
TriStar gives you a  
competitive edge.



Ice cream production [conveyors at right]

*Speed is the name of the game with any food processing application, since any manufacturing stoppage means lost productivity and lost profits. In the case of ice cream production, the stakes are even higher given perishable dairy ingredients and the real risk of contamination. That's one reason why the country's leading ice cream producers look to Ultracomp® bearings to keep their conveyor systems rolling.*

*The leading maker of ice cream treats was unable to meet production demands because of inconsistent speeds and frequent seizing of their conveyor systems. Whenever the conveyors stopped rolling, products were unable to move from processing to packaging.*

*This hampered overall productivity, reduced profits and contributed to possible product contamination and melting.*

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## The Solution

After reviewing the requirements, our [Engineering Experts](#) replaced the factory's traditional metal bearings with Ultracomp on the conveyor belt rollers. Ultracomp readily adapted to the high speeds required of the conveyors, and was able to tolerate both the cryogenic-level temperatures and hot-steam sanitation baths needed in ice cream production.

Our client was so pleased with the results of Ultracomp bearings on the conveyors; they've even retrofitted their dasher blades with Ultracomp.

## Learn More About Ultracomp

- Check out our [Ultracomp Characteristics and Application video!](#)
- Read more from [our library of Ultracomp application case studies.](#)
- Review more food case studies in our [free white paper!](#)
- Visit [www.tstar.com/ultracomp](http://www.tstar.com/ultracomp) for more.

1-800-TriStar [874-7827]

We're ready to put our engineering expertise to work for you from prototype to production.

Engineering | Custom Fabrication | Manufacturing



## CJ Composite

- Self-Lubricating
- Low weight | High Strength
- Chemical Resistance
- Direct replacement for Bronze



## Ultracomp<sup>®</sup>

- Self-Lubricating
- High Load | Low Speed
- 54,400 PSI Compressive Strength
- Exceptional Resistance to Vibration and Impact



## TriSteel<sup>™</sup>

- Self-Lubricating
- High Load | High Speed
- Metal Backed Bearing System
- 100% Lead Free



## Rulon<sup>®</sup>

- Self-Lubricating
- Low weight | High Strength
- Low Coefficient of Friction
- Chemically Resistant



## Enhanced Materials Division

- Plasma Surface Treatment
- Asymmetric & Symmetric Filtration Membranes
- Specialized Primers & Coatings
- Material ID & Selection



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Engineered Plastic Solutions<sup>™</sup>

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