



Zume-Enabled Products: Protein Packaging



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**LARGE U.S.
PROTEIN COMPANY**

Molded
Fiber
Meat
Trays



Problem

- Large protein company uses millions of Styrofoam meat trays per year
- Local government and retailers are expected to ban styrofoam in the very near term
- Company faces an existential crisis and needs a plastic alternative at scale

Zume Solution

- Zume is designing a molded fiber meat tray for this customer
- Rapid prototyping using 3D printing shortened product iteration cycles to less than one week
- Zume is in late stage discussions for offtake agreement



Zume-Enabled Products: CPG



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**MULTINATIONAL FOOD &
BEVERAGE CONGLOMERATE
("F&B CPG")**



**Molded
Fiber
Scoops**

Problem

- F&B CPG required a plastics-free solution for powder scoops for its baby formula product line

Zume Solution

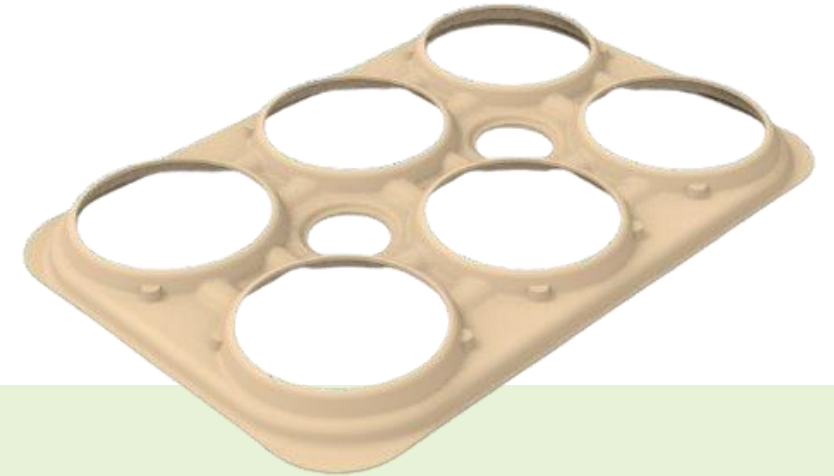
- Zume rapidly designed and prototyped a molded fiber scoop for F&B CPG
- Zume developed coating and laser trimmed solution to reduce microfibers

Zume-Enabled Products: Beer Cans Holders



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**LARGE U.S.
BEER COMPANY**



Problem

- U.S. based beer company wanted to move away from plastic bundling of its beverage cans.
- Need to execute a strong push to meet their 2030 sustainability goals.

Zume Solution

- Zume designed and developed a molded fiber based solution which replicates the functionality of plastic bundling.
- Zume and the beer company are developing plans for mass scale production and roll out.

Zume-Enabled Products: Supply Chain

OPTICAL INDUSTRY
LENS
MANUFACTURER



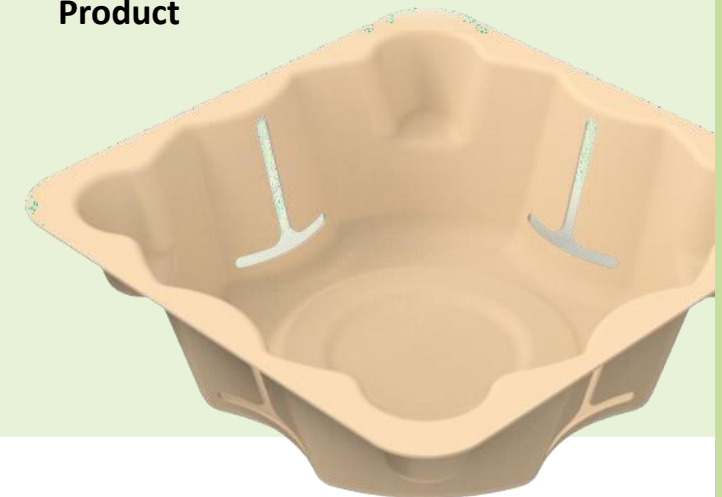
Problem

- Lens manufacturer was looking for an alternative to plastic for the trays used to transport its lenses in its supply chain
- Currently using 10+ SKUs of plastic trays for different lens sizes and styles

Zume Solution

- Zume quickly designed a single molded fiber package that replaced multiple plastic-tray SKUs, while protecting lens manufacturer's functional requirements
- Zume and lens manufacturer are exploring live environment testing and commercial rollout opportunities

Proposed Product





Zume-Enabled Products: Anti-Leak Containers



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**LARGEST CLOUD
KITCHEN IN INDIA**



Problem

- Local government and consumers are moving away from plastic
- Company is looking to replace all plastic containers with compostable options
- No compostable options exist that can prevent leakage and sustain long delivery times

Zume Solution

- Zume's anti-leak range of bowls and rectangular containers directly replace plastic counterparts
- The products are able to sustain rough delivery handling without spillage
- Scaling up the products across all India locations