

## kp Infinity™

Premium, sustainable, recyclable solution - keeping food hotter for longer.

Available at



# Transforming Food Service and Food-To-Go packaging in the UK

Welcome to kp Infinity™ taking Expanded PolyPropylene (EPP) into the future.



#### **Food Retailer Benefits**

- Resistant to hot oil and acids & alkalis
- Versatile, stackable, adaptable and durable
- Premium aesthetics
- Cost effective solution
- Made in the UK

#### **Consumer Benefits**

- Clear Actionable'Recycle Me' message
- Keeps food hotter for longer
- Thermal resistance to touch
- Safe and hygienic
- Moisture resistant
- Microwavable

#### **Sustainability Benefits**

- Recyclable mono-material
- Food safety, hygiene and preservation
- Lightweight
- Energy efficient
- Reduced carbon footprint
- Reduced water consumption

# The sustainable choice for Food Service and Food To Go

#### Recyclable



EPP is a high-quality mono-material, proven to be easily and commercially recyclable through several trials. Can be recycled into a variety of end markets, from packaging to furniture to flooring, providing a second life and beyond for on-the-go packaging. It's the next generation of EPS, and more.

#### Microwavable



EPP allows food in-pack to be re-heated, while maintaining durability and protection; opening up entirely new opportunities for consumers.

#### **Life Cycle Benefits**



Demonstrated via independent LCA as THE sustainable solution, far outperforming alternative materials with significantly reduced energy and water consumption, and carbon footprint.

#### **Thermal Resistance**



EPP's foam structure helps retain product heat within the package, demonstrating reduced heat transfer making it cooler to touch - providing the best consumer eating on-the-go experience, with premium product quality.

#### **Lightweight & Durable**



While being one of the most durable materials on the market, EPP is also one of the most lightweight. EPP uses 33% less polymer in comparison to conventional polymers of the same design and size, also helping reduce packaging fees.

#### **Moisture Resistance**



With EPP's superb moisture resistance and waterproof attributes, it is the perfect safe and hygienic choice for packaging protection of hot or cold food, while maintaining durability of the packaged food.

## **Keeps Food Hotter for Longer**



EPP boasts exceptional thermal and insulating protection properties, surpassing alternative materials, making it the ideal choice for hot food without affecting the structure or functionality of the pack.

### Resistant to Hot Oil and Acids & Alkalis



EPP is best in class for resistance to hot oils as well as acids and alkalis such as those used in pastas and Asian cuisine, allowing the product to remain hotter for longer, and removing risk of contamination and odour transfer.





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