



Fishing Industry Services Limited

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Chill Wrap Ice Replacement



General Description

An ice replacement product using Sodium Polyacrylate Super Absorbent Powder encapsulated between a sheet of polyester film and a non-woven fabric. A cellular layout is used to provide flexibility. When placed in water the fabric “wicks” water into contact with the Super Absorbent Powder. The water contacts the powder and is strongly attracted to it, forming a harmless damp gel. The gel particles are too large to pass back through the fabric. When frozen, Chill Wrap provides a non-leaking, flexible ice replacement with excellent heat absorption properties. No adhesives are used in the manufacturing process. All contactable surfaces are approved for direct contact with foodstuffs.

Uses

Temperature maintenance of chilled products, samples, sera, foodstuffs and many more. Chill Wrap will help maintain a temperature close to 0°C for temperature sensitive shipments of most kinds. The use of insulation inside the packaging will extend the temperature maintenance range up to 9°C. Chill Wrap offers little benefit when used with frozen product.

Identification

Chill Wrap has one side covered with blue polyester film, printed with the “Chill Wrap Ice Replacement” brand. The other side is a white non-woven fabric

Technical Specifications

Trade Name	Chill Wrap
Carton Label	Thermasorb Chill Wrap Pads Size: 282x385 Small (6x4) Qty: 350
Size	282mm x 385mm
Packed Form	Cut Sheets
Cells Per Sheet	24 cells. 6 cells long x 4 cells wide
Perforations	Perforated down the centre of each sheet for separation into two sheets of 3 cells x 4 cells if needed.
Quantity per Carton	350 sheets
Hydrated Weight	860g per pad
Carton Dimensions	34cm x 34cm x 47cm
Carton Weight	11.3kg
Main Benefits	No risk of leakage. More heat absorption per gram than wet ice. Compact storage.