

PolarStrip™ (V2) Thermal Curtain

Protecting Energy in Cold Stores



- Upgraded 'Long Lasting', 'Non Cracking' Skin Material
- Upgraded 'Tailored' Track
- 12 month Guarantee



PolarStrip™ Thermal Curtain Executive Summary

Better

- **Soft edges:** prevent staff injury and irritation
- **Lighter:** easier to walk through, user friendly
- **Stable insulate:** will retain shape and insulation qualities through life, will not drop inside skin over time
- **Made in the UK:** immediate supervision of quality control and design development
- **Improved manufacturing:** central single seam eliminates risk of edges splitting
- **Roll cage friendly vision panels:** prevent accidents and injury to staff by roll cages that catch
- **Improved skin material:** higher specification for improved life
- **Simplified track system:**
- **Unlimited Width:** not limited by track width

Simpler

- Single seam manufacturing (resulting in soft edges)
- Simple, non intrusive hanging system
- Simple rigid insulation will retain life efficiency
- Lighter strips improve user experience
- Quicker to install, reduced disturbance on site

Cheaper

- Staff not removing strips:
 - More able to achieve ROI
 - Energy saving maintained
 - Eliminated replacement costs
- Easy to maintain - lower maintenance costs
- Improved manufacturing - longer lasting – better ROI
- Reduced risk of litigation from injured staff
- No packaging to be disposed of on installation



PolarStrip™ Thermal Curtain Executive Summary

Better



- **Soft edges**
- **Lighter:** only 1 kg per strip
- **Stable insulate**
- **Made in the UK**
- **Improved manufacturing**
- **Roll cage friendly vision panels**
- **Improved skin material**
- **Simplified track system**
- **Unlimited Width**



Soft edges for safety



Lighter
slimmer strips



Upgraded track



From inside the
cold room

PolarStrip™ Thermal Curtain Executive Summary

Simpler

- Single seam manufacturing (resulting in soft edges)
- Simple, non intrusive hanging system
- Simple stable insulation will retain life efficiency
- Lighter strips – easier to walk through
- Quicker to install, on-site disturbance reduced

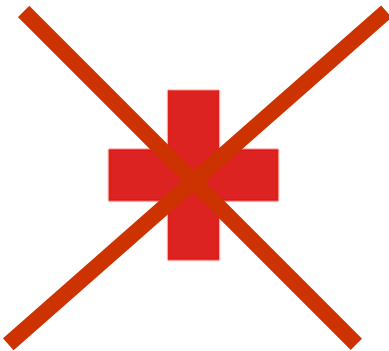


PolarStrip™ Thermal Curtain Executive Summary

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No accidents



No packaging



Retention of return
on investment



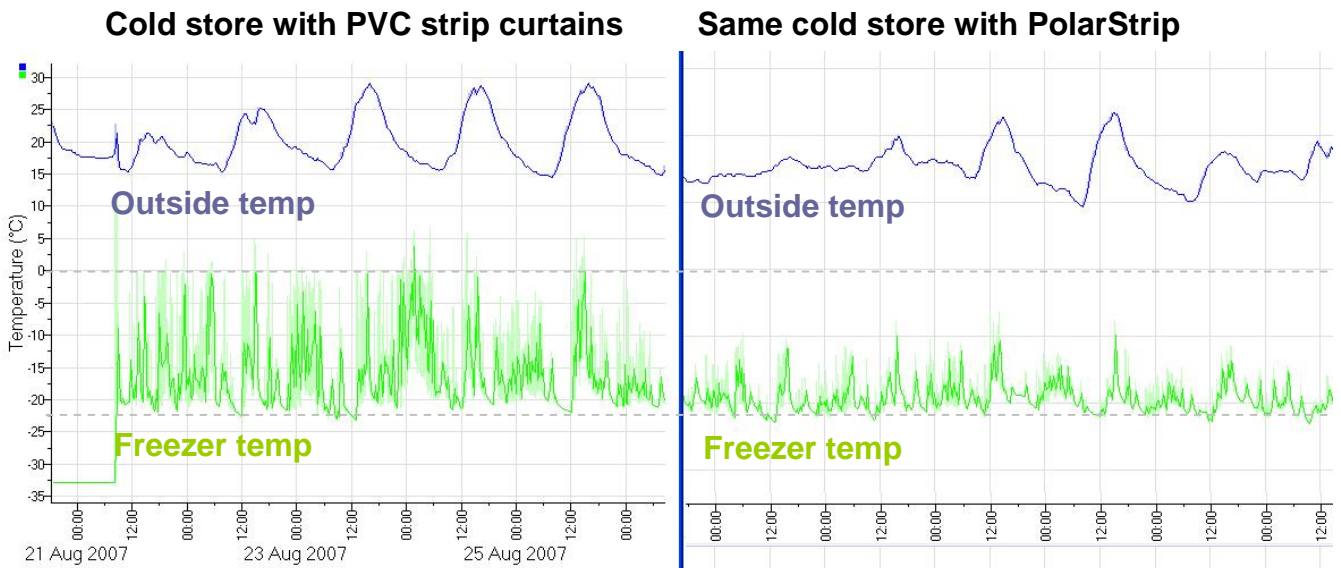
PolarStrip™ Thermal Curtain Executive Summary

Other activity

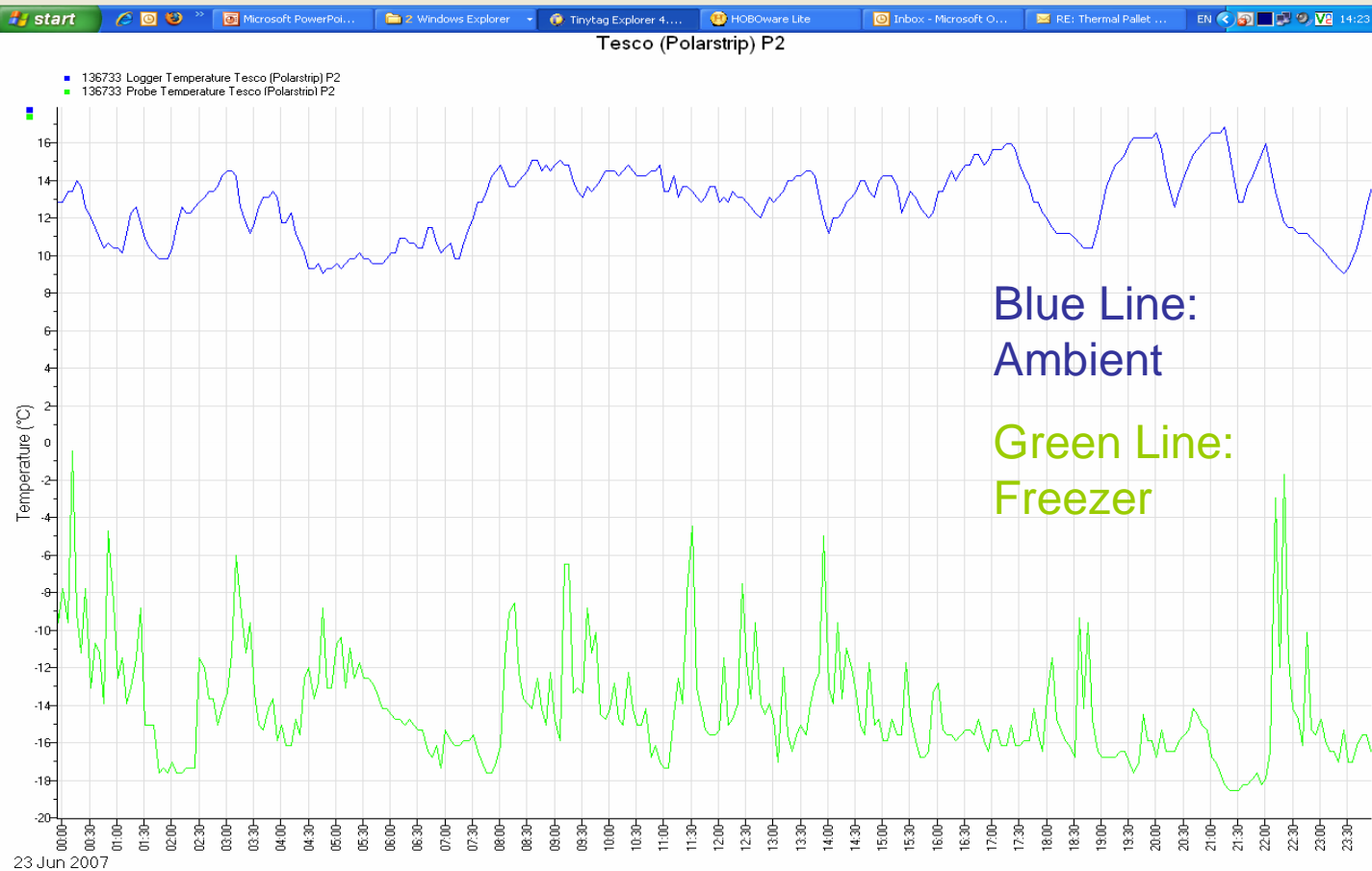
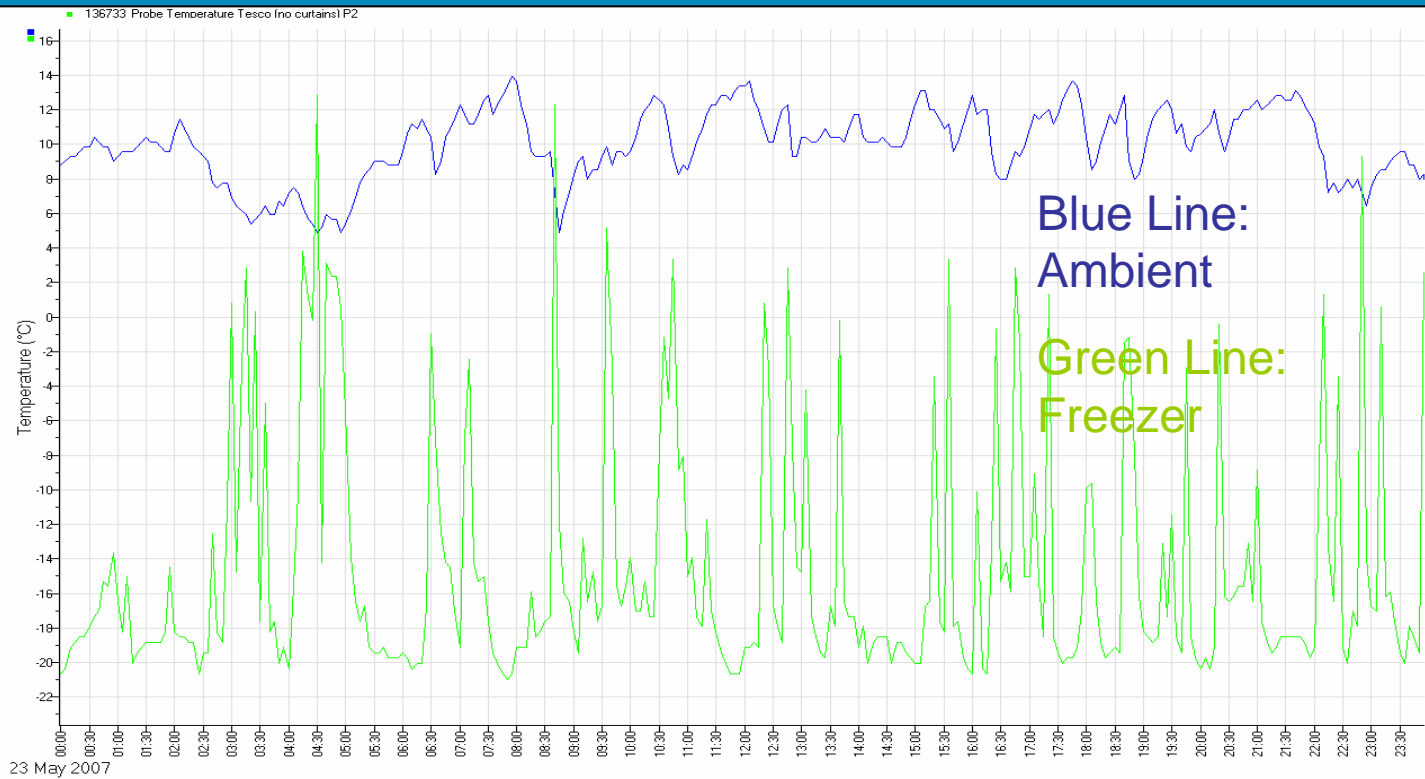
- Recently passed 'Design Standards' for Tesco trials
- Major trial in Sainsbury's
- ASDA trial in progress
- Carbon Trust trials

The difference

The energy
& cost saving



PolarStrip™ Vs. No Curtains Comparison



PolarStrip V2 Specification

Strip Width	300mm
Thickness	8mm
Strip Weight	1.2kg
Manufactured	UK
Insulate	Silver backed, double air bubble Insulate U Value - 0.3
Outer Material	Nylon Backed Thermoplastic Skin <ul style="list-style-type: none">• Base fabric material – Plain Weave Nylon• Yarn - 940 Dtex• Threads 10/11 w/f• Basecloth weight 220 gsm• Tensile Strength (ISO1401) – 2800/2700 N/50mm• Tear Resistance (ISO 1421) – 1100/1000• Adhesion (HF Welding) (ISO 2411) – 22/18 N/50mm
Hanging Mechanism	Marine strength Rigid PVCU sail channel, fitted to cold-room wall with self drilling screws

PolarStrip™ Thermal Curtain Executive Summary

Aerotrim Group Ltd

Aerotrim (Westbury) Ltd

Specialist vehicle interior fabrication

Aerotrim Military

Thermal products for the military

Polar Thermal Products Ltd

Thermal products for industry

PUK International Ltd (Pallets UK)

Rugged thermal pallets



AEROTRIM



PolarStrip™ Thermal Curtain Executive Summary

Examples of Other Products

Emergency
Portable
Cold Store



Thermal Roll
Cage Cover



Thermal
Delivery Bag



Thermal
Pallet Cover



Military Tent Thermal Lining

PolarStrip™ Thermal Curtain Executive Summary

Aerotrim Group Ltd

- Major contract with MoD: £3.9M over 3 years
- Presently bidding for 4 more contracts
- Strong development relationship with DHL
- Major clients in various industries including pharmaceutical, logistics and military



defence



Sainsbury's



JAPAN AIRLINES



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