



A (VERY) COOL ALTERNATIVE

PROUDLY MADE IN AUSTRALIA

UP TO 15% RECYCLED CONTENT in Bubble Layers

LIGHT WEIGHT

100% RECYCLABLE!

Deposit @ 1700+ sites across Australia visit redcycle.net.au

There are so many one-way Cold Chain products on the market, it can be difficult to know what is the best product for your business. Sancell MetPoly bags and carton liners are a 100% recyclable, economical, light weight alternative to traditional one-way thermal solutions.

METALISED OUTER LAYER

Reflects radiant heat flow

BUBBLE INNER LAYER

Acts as an air barrier which reduces heat transfer and conductivity

LIGHTWEIGHT

Reduces overall parcel weight for more economical shipping

LDPE 100% RECYCLABLE

Suitable for recycling at RedCycle bins located at supermarkets across Australia. Visit www.redcycle.net.au for locations



DEPOSIT FOR RECYCLING at 1700+ SUPERMARKETS AROUND AUSTRALIA!

CONSIDER A METPOLY SOLUTION IN PLACE OF...

PLA (Polylactic Acids)

Derived from Corn Starch and Sugar Cane, PLA and other Bioplastic products are increasingly finding their way into the Australian packaging landscape. While claims are often made that these products are biodegradable and compostable, they **require commercial processing sites** which are either not available or not easily accessible to every-day Australian consumers. These products are produced offshore and imported, diverting manufacturing jobs away from hard-working Australians.



- ✗ Imported
- ✗ Not easily recycled or composted

Polystyrene (EPS)

Polystyrene is widely known as a very effective insulator. While it's cooling credentials might be hot, it's environmental credentials certainly are not! Polystyrene is an extremely **bulky and rigid** product which is **not easily recycled** taking up significant volume within landfill sites. This product has become such a problem that **Polystyrene food containers are banned** in some of the world's largest cities including; New York City, Washington D.C, Seattle, San Francisco, Paris and Toronto.



- ✗ Rigid & Bulky
- ✗ Not easily recycled

Woollen Carton Liners

Woollen carton liners are admittedly a lovely idea... a 100% natural product to keep perishable products cool. BUT. These bulky liners are not as easily recycled or sustainably disposed of as one might believe. It is claimed wool liners can be composted but **customers are very confused as to where and how**. With many of these woollen insulating products ending up in homes and apartments around Australia, the average consumer is not set up to compost 375g (used to line a medium carton) of insulating wool which arrives with regular deliveries. As a result, large numbers are **likely to end up in general waste** and ultimately landfill.



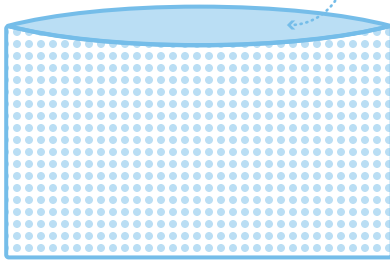
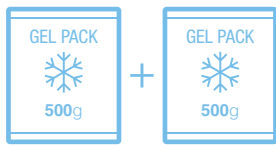
- ✗ Bulky & Heavy
- ✗ Not easily recycled or composted

TEST RESULTS

16+ HOURS

Using 2 x 500g Gel Packs inside a Sancell MetPoly Thermal Liner the temperature remained under 5°C for 16 Hours and 52 minutes

FROM FROZEN to 5°C 16 HOURS & 52 MINS TESTED AT 30°C ±2°C



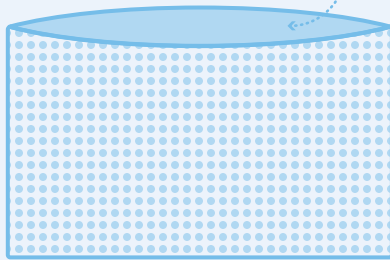
SANCELL METPOLY THERMAL LINER

TEST PARAMETERS	
Ambient Temperature	30°C (+/- 2°C)
Specifications	2 x 500g Gel Packs sealed inside a Sancell Thermal MetPoly Liner
RESULTS	
Start Temperature	-21°C
Finish Temperature	5°C
Lapsed Time	16 Hours & 53 Minutes

25+ HOURS

Using 2 x 750g Gel Packs inside a Sancell MetPoly Thermal Liner the temperature remained under 5°C for 25 Hours and 32 minutes

FROM FROZEN to 5°C 25 HOURS & 32 MINS TESTED AT 30°C ±2°C



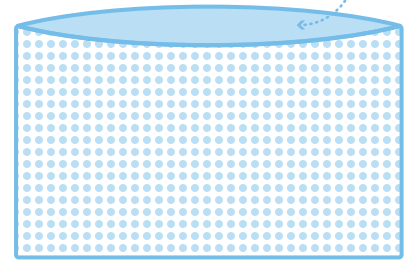
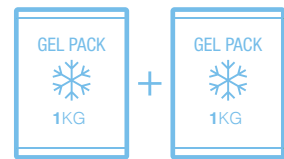
SANCELL METPOLY THERMAL LINER

TEST PARAMETERS	
Ambient Temperature	30°C (+/- 2°C)
Specifications	2 x 750g Gel Packs sealed inside a Sancell Thermal MetPoly Liner
RESULTS	
Start Temperature	-23°C
Finish Temperature	5°C
Lapsed Time	25 Hours & 32 Minutes

33+ HOURS

Using 2 x 1KG Gel Packs inside a Sancell MetPoly Thermal Liner the temperature remained under 5°C for 33 Hours and 25 minutes

FROM FROZEN to 5°C 33 HOURS & 25 MINS TESTED AT 30°C ±2°C



SANCELL METPOLY THERMAL LINER

TEST PARAMETERS	
Ambient Temperature	30°C (+/- 2°C)
Specifications	2 x 1KG Gel Packs sealed inside a Sancell Thermal MetPoly Liner
RESULTS	
Start Temperature	-23°C
Finish Temperature	5°C
Lapsed Time	33 Hours & 25 Minutes

