

TEMPRECISION INTERNATIONAL

17 x 15 x 8" Medium Insulated Passive Shipping Container with Chocolate Gift Boxes – TI Large

Objective:

Test Medium Insulated Passive Shipping Container under ISTA Summer and Winter temperature profiles using ThermaBrick® Refrigerant Bricks as primary refrigerant.

Corrugated box dimensions (exterior dimensions): 17 x 15 x 8 in (L x W x H)

Temprecision International 1.5in PET liner.

Chocolate Gift Box Dimensions: 12 x 8.75 x 2in (L x W x H)

Payload (Chocolate + Gift box): 84 pcs, 1.52 Kg (3.35 lbs.), preconditioned at 4 °C (39.2°F)

Refrigerant: ThermaBrick® 5.10 Kg (11.24 lbs.),

Summer Qty: 2-Side (4 ea.): 13 x 11.5 x 0.5 in preconditioned at -17°C (1.4°F)

Winter Qty: 2-Side (2 ea.): 13 x 11.5 x 0.5 in preconditioned at -17°C (1.4°F)

Total summer weight shipper with payload: 7.56 Kg (16.67 lbs.)

Total winter weight shipper with payload: 5.01 Kg (11.05 lbs.)

ISTA Summer Profile:

Time to reach 18.3 °C (65 °F) payload at the interior of the shipper box: 57:10 hrs.

Results: **PASS**

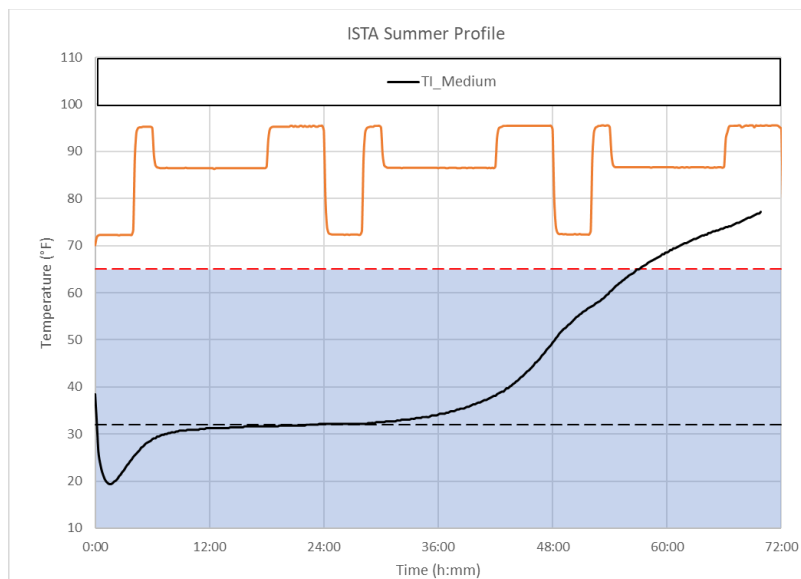


Figure 1. 17 x 15 x 8" Medium Insulated Passive Shipping Container under ISTA summer temperature profile, using ThermaBrick® Refrigerant Bricks as a refrigerant.

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ISTA Winter Profile:

Time to reach 18.3 °C (65 °F) payload at the interior of shipper box > 72-hours

Results: **PASS**

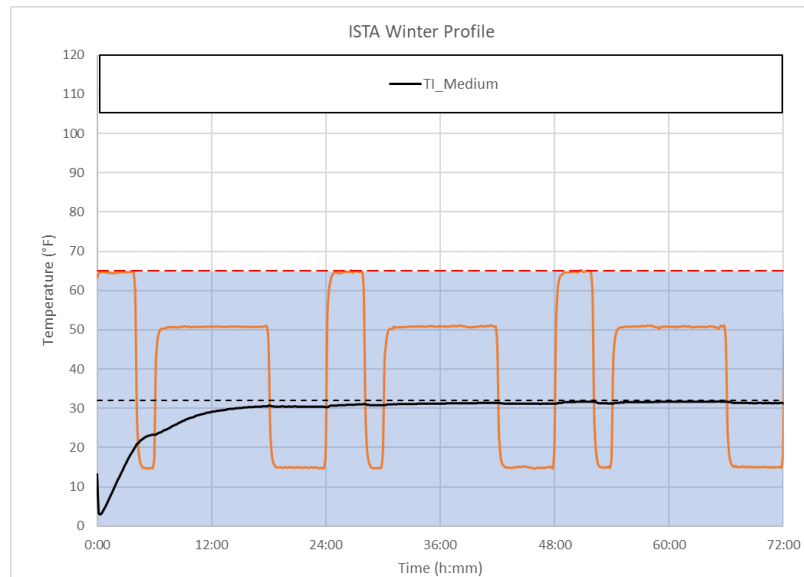


Figure 2. 17 x 15 x 8" Medium Insulated Passive Shipping Container under ISTA winter temperature profile, using ThermaBrick® Refrigerant Bricks as a refrigerant.

Packout Pictures:

