

PRODUCT DATA SHEET

Booster Pack Reinforce Cooling Support

Supplement to Dry/ Wet Ice



The Booster Pack is manufactured with non-toxic, inorganic, non-flammable phase change material PCM-HS10N.

Booster Packs are designed to work alongside Dry Ice or Wet Ice and will increase the duration your frozen or refrigerated product remains at your desired shipping temperature.

Applications

Transport and storage of frozen or refrigerated food products. Add ONE Booster Pack per FOUR hours of holdover time.

- A water-based, environmentally friendly and reusable alternative to Dry Ice
- Precise temperature control
- Engineered to freeze and thaw at -10°C
- PCM performance stability tested over thousands of freeze and thaw cycles
- Durable and flexible 5mil nylon-PE laminated white film pouches
- Starts working after dry ice has sublimated and delays the melting of wet ice or gel packs
- If damaged, the internal gel can be easily contained and disposed of as solid waste.

Specifications

Part Number	HS10N-8X6-500V
PCM Type	HS10N
Average Freezing/Melting (°C)	-9.5°C/ -10.6°C
Quantity of PCM (grams)	500g
Freezing Temp (°C) @ -20°C*	-10°C
Melting Temp (°C) @ 25°C*	-10°C
Pouch Dimensions (inches)	8 X 6.125 X 0.25
Case Quantity (ea)	20
Skid Quantity (Case)	84
Price per Case	\$39.95

*Testing performed at constant chamber temperature using 8 X 6.5 X 4.5" - .875" PUF insulated container.

Conditioning

1. Booster Packs can be safely washed in a dishwasher or sinks with soap and water.
2. Place Booster Packs horizontally within a Freezer. They will freeze solid from overnight to within 24hrs.
3. Use at least ONE Pack for every FOUR additional hours of temperature control.

How to use with Dry Ice or as an alternative to Dry Ice

1. Place Frozen Food Products at the bottom of the Cooler
2. Place Booster Packs on top of the Product
3. If using Dry Ice, place paper towels over the Booster Packs and cover with Dry Ice
4. Booster Packs and Food products will remain frozen until all the Dry Ice sublimates, then starts to melt keeping products frozen longer
5. Dry Ice sublimates 5 to 10 pounds per 24 hours emitting a large amount of Carbon Dioxide Gas. It is designated as a hazardous material. Understand Dry Ice handling instructions before use.

How to use with Wet Ice or Gel Packs

1. Place Refrigerated Food Products at the bottom of the Cooler
2. Place Wet Ice or Gel Packs on top of Food Products
3. Place Booster Packs on top of the Wet Ice or Gel Packs
4. Wet Ice will remain frozen and the food products will remain refrigerated until all the Booster Packs melt. Wet Ice will then start to melt; thus Booster Packs help to keep the food products refrigerated longer
5. Do not use Booster Packs directly with refrigerated food products without Wet Ice; Booster Packs can Freeze Fresh Products.