

Non-woven Instant Cold



Feature & Benefit

- Non-woven pack pouch features a direct to skin application
- Calcium ammonium nitrate & water base for consistent controlled cooling
- No moisture accumulation on the skin
- Duration for 20 minutes
- Never drops below 50°F

Instructions



Fold product in half



Knead



Apply

Non-Woven Instant Cold Pack

How it works: An instant cold pack contains 40% calcium ammonium nitrate and 60% water, separated until activation. When activated, the calcium ammonium nitrate dissolves in water, causing an endothermic reaction that absorbs heat and rapidly drops the temperature to as low as 50°F. This provides approximately 20 minutes of cooling, making it ideal for medical use and sports injuries.

Benefits Of Medzah's Calcium Ammonium Nitrate

- Rapid Cooling** Quickly lowers temperature through an endothermic reaction, providing immediate relief.
- Convenience** Portable packs that can be stored at room temperature until needed.
- Safety:** Calcium ammonium nitrate is less hazardous compared to other chemicals like ammonium nitrate.
- Consistency** Maintains temperature consistency, never dropping below 50°F, by keeping a 40-60 mix.

What is a Non-Woven Instant Cold Pack?

Non-woven compounded PE (polyethylene) is a material made by combining polyethylene fibers in a non-woven structure. This material offers several benefits for use in instant cold pack pouches:

Consistent Thermal Stability

It maintains its integrity across a wide range of temperatures, ensuring the pack remains effective throughout its use.

Heat Resistance

The material resists external heat, preventing it from affecting the cooling performance of the pack.

Durability

It is strong and resistant to tearing, ensuring the pack remains intact during use, even under pressure

Insulation

Provides excellent insulation, helping to retain the cold temperature for a longer duration, which is crucial for effective cooling.

Skin friendly

The non-woven pouch is skin-friendly and can be applied directly to the skin, making it convenient and comfortable.

No moisture

Using a cold pack won't cause moisture or dampness on your skin, thanks to the water-resistant, non-woven material.

Product	Item no.	QTY.	Size
Non-Woven Instant Cold Pack	SAM-3001	24/CS	5x7.5 Inches

