

# Cool Pax™ Phase Change Material

versus

## Water/Gel Based Inserts

### Cool Pax™ (PCM)

- Cool Pax are made using unique Phase Change Material (PCM)
- PCM is 30% lighter than water
- PCM freezes at 14°C
- No risk of ice burns or condensation
- Provides “comfortable” cooling
- Cooling Duration: 2-3 hours
- Activate in freezer, fridge or ice water (no electricity)
- Activation Time: 45 minutes
- Delivers targeted temperature of 14°C
- Other temperatures available

### Water/Gel Based Cooling Packs

- Cooling material is simple H2O
- Significantly heavier than Cool Pax™ inserts
- Water freezes at uncomfortable 0°C
- Can cause ice burns, vasoconstriction, and condensation on users
- Many users cannot tolerate ice against sensitive body areas
- Cooling Duration: only 1 to 1.5 hours
- Ice does not conform to the body and has sharp, uncomfortable corners
- Activation: 1.5+ hours (can only be activated in freezer)
- Only temperature available is 0°C

