

# Cool Pax™ Phase Change Material vs 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 58F (14C)
- No risk of ice burns or condensation
- Provides “comfortable” cooling
- Cooling Duration: 2-3 hrs
- Activate in freezer, fridge or ice water (no electricity)
- Activation Time: 45 mins
- Delivers targeted temperature of 58F (14C)
- Other temperatures available



## Water/Gel Based Cooling Packs

- Cooling material is simple H<sub>2</sub>O
- Significantly heavier than Cool Pax inserts
- Water freezes at uncomfortable 32F (0C),
- Can cause ice burns, vasoconstriction, and condensation on users
- Many users cannot tolerate ice against sensitive body areas
- Ice does not conform to the body and has sharp, uncomfortable corners
- Cooling Duration: only 1-1.5 hrs
- Activation: 1.5+ hrs (can only be activated in freezer)
- Only temperature available is 32F (0C)

