

# PHASE 5™ / 5°C PHASE CHANGE MATERIAL

- Used for applications that need to be refrigerated and not frozen
- Phase change temperature is 5°C
- Provides thermal protection when shipping a 2-8°C product
- When used as liquid, provides protection from product going below temp limit of 2°C
- When solid, provides protection from exceeding temp limit of 8°C
- Available in flexible and rigid packaging



The Phase 5 is a phase change material which can keep the thermo-sensitive products between 2°C and 8°C, avoiding cold picks. Its phase point is at 5°C. It is presented as hard plastic HDPE bottles which are re-usable, of different sizes. The Phase 5 is principally used in the pharmaceutical sector and presents an alternative to Ice Packs (eutectic panels or ice blocks). The Phase 5 can be placed in direct contact with thermal-sensitive products as there is no risk of freezing. This reduces the size and the weight of the final packaging as the Phase 5 product is in smaller quantity than is the classical cold accumulators (Ice Packs)

The Phase 5 is very simple to use: you freeze them at -20°C until they are completely solid, you keep them at +5°C during few hours and then you can insert them in your insulated packaging.

Item Number	Description	Unit Dimension (L x W x H)	Unit Weight	Units Per Case
FGEL00051	Phase 5 PCM Case - small panel	14cm x 14cm x 2.5cm	295g	36/case
FGEL00059	Phase 5 PCM Case - large panel	23.5cm x 17.8cm x 2.2cm	694g	20/case
FMIS76012	Phase 5 Blanket - 5 x 3 Cell Blanket	203.2mm x 190.5mm	94g	36/case
FMIS76010	Phase 5 Blanket - 6 x 4 Cell Blanket	228.6mm x 241.3mm	150g	24/case
FMIS76008	Phase 5 Blanket - 12 x 4 Cell Blanket	457.2mm x 241.3mm	264g	12/case

