



# Polar Thermal Products Ltd



## Specification : 20 Ltr Thermal Carry Bag

A very **high quality**, durable 20 litre capacity thermal carry bag with **extremely high thermal performance**. Used for the delivery of temperature controlled product (hot or cold). Can be used with gel packs to extend thermal performance or if being opened and closed regularly.

*Often used by district medical staff when carrying out vaccinations within the community, or to courier pharmaceutical, medical, blood product or perishable samples between locations. Also used for hot food delivery.*

*Able to keep products within between within required temperature range for several hours depending on use and whether gel packs are used.*

**Can be branded with organisation logo and colour.**  
*Can be supplied with trolley, shoulder strap or document wallet as options.*

**Product Code: P20CB01**  
**Specification: 001/08**



### Guarantee

All Polartherm products carry a **two year guarantee** subject to normal wear and tear

### Specifications

Weight empty	0.9297 kgs
External surface material	Cotton coated PVC
Internal lining material	Cotton coated PVC
Insulation material	Patented Polartherm material
Insulation thickness	45mm
External dimensions	width: 400mm height: 330mm depth: 280mm
Internal dimensions	width: 350mm height: 280mm depth: 230mm
Lid type and fixings	Zip
Number of icepacks supplied	None
Cold life without opening	Temperature increase at an approximate rate of 0.67°C/hr when the internal/external temperature difference is over 20°C. (Minimum)
	<u>Please ask for copy of independent tests.</u>
Thermal Conductance (W/m <sup>2</sup> .K)	1.01 ± 0.1
Thermal Conductivity (W/m.K)	0.05 ± 0.005

**Made from Polartherm™** - a unique triple layer insulation developed from the NASA space programme. It comprises an inner reflective layer, a hollow fill fibre filler and a robust woven PVC (optionally fireproof) outer. It is lightweight, robust, hygienic, easily cleaned and complies with UK and US food safety requirements.

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