

Thermal Comfort Fabric Options



Manufacturer


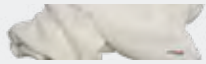


Designed for the Symmetrisleep range, by The Helping Hand Company UK.

Properties

Active temperature regulation for thermal comfort. Excess moisture can cause discomfort and distress but with Coolover, these issues can be alleviated due to its unique structure. Coolover is a 'denier-gradient' fabric which means it has a slightly different structure on the outside to the inside. Wider channels near the skin draw moisture away and evaporation occurs on the other side of the fabric. This reduces risk of respiratory distress, rashes & redness.

Care

Machine washable up to 75°C. Low tumble dry. Do not iron or Dry clean.

Item	Code	Dimensions	Specifications
Coolover Fitted Sheets 	7015-7120-C00	63 cm wide x 132 cm long	Cot Mattress Sizes
	7015-7120-T00	80 cm wide x 160 cm long	3/4 Mattress Sizes
	7015-7120-S00	120 cm wide x 200 cm long	Single Mattress Sizes
	7015-7120-SK0	145 cm wide x 200 cm long	Single King Mattress Sizes
	7015-7120-D00	150 cm wide x 215 cm long	Double/Queen Mattress Sizes
Coolover Flat Sheet 	7015-7100-SFS	320 cm wide x 210 cm long	Use as a top sheet or draping sheet. Also available to be used to upholster items not from the Symmetrisleep range (at Medifab's discretion)
Coolover Pillow Covers 	7016-7500-CVR	30 cm x 30 cm	Fits A (Square) Lowzone Cushion
	7016-7580-CVR	30 cm x 45 cm	Fits C (M Oblong) Lowzone Cushion
	7016-7610-CVR	45 cm x 75 cm	Fits D (L Oblong) Lowzone Cushion*
	7016-7720-CVR	25 cm x 37 cm	Fits E-S (S Horseshoe) Lowzone Cushion
	7016-7710-CVR	30.5 cm x 65 cm	Fits E-M (M Horseshoe) Lowzone Cushion
	7016-7700-CVR	35 cm x 80 cm	Fits E-L (L Horseshoe) Lowzone Cushion
	7016-7702-CVR	65 cm x 90 cm	Fits E-X (X Horseshoe) Lowzone Cushion
	7016-7800-CVR	8 cm x 30 cm	Fits F (S Roll) Lowzone Cushion
	7016-7850-CVR	13 cm x 40 cm	Fits G (M Roll) Lowzone Cushion
	7016-7810-CVR	160 cm x 80cm x 2cm	3/4 Mattress Sizes
Airmantle 	7014-8020-T00	190cm x 100cm x 2cm	Single Mattress Sizes

*Also fits most standard sizes of regular bed pillow



Manufacturer



Designed for the Symmetrisleep range, by The Helping Hand Company UK.

Properties

Highly wicking, super-soft fabric to keep you cool. This eco-friendly textile has both anti-bacterial and anti-fungal properties so stays “fresh” for longer. It’s smooth, round fibres are knitted in to a silky super soft fabric for a luxury feel. Bamboo fibres have a hollow tube like construction so they tend to wick moisture away from the skin aiding evaporation and keeping the skin cool and dry (Bamboo can hold more than 3 times its own weight in water). Fabric composition: 52% Bamboo, 48 % Polyester Double Jersey knit with Purotex anti microbial included.

Care

Machine washable up to 40°C. Low tumble dry. Do not iron or Dry clean.

Item	Code	Dimensions	Specifications
 Bamboo Fitted Sheets	7015-7121-C00	63 cm wide x 132 cm long	Cot Mattress Sizes
	7015-7121-T00	80 cm wide x 160 cm long	3/4 Mattress Sizes
	7015-7121-S00	120 cm wide x 200 cm long	Single Mattress Sizes
	7015-7121-SK0	145 cm wide x 200 cm long	Single King Mattress Sizes
	7015-7121-D00	150 cm wide x 215 cm long	Double/Queen Mattress Sizes
 Bamboo Pillow Cover	7016-7500-BAM	30 cm x 30 cm	Fits A (Square) Lowzone Cushion
	7016-7580-BAM	30 cm x 45 cm	Fits C (M Oblong) Lowzone Cushion
	7016-7610-BAM	45 cm x 75 cm	Fits D (L Oblong) Lowzone Cushion*
	7016-7720-BAM	25 cm x 37 cm	Fits E-S (S Horseshoe) Lowzone Cushion
	7016-7710-BAM	30.5 cm x 65 cm	Fits E-M (M Horseshoe) Lowzone Cushion
	7016-7700-BAM	35 cm x 80 cm	Fits E-L (L Horseshoe) Lowzone Cushion
	7016-7702-BAM	65 cm x 90 cm	Fits E-X (X Horseshoe) Lowzone Cushion
	7016-7800-BAM	8 cm x 30 cm	Fits F (S Roll) Lowzone Cushion
	7016-7850-BAM	13 cm x 40 cm	Fits G (M Roll) Lowzone Cushion
	7016-7810-BAM	20 cm x 80 cm	Fits Z-Pillow Lowzone Cushion

*Also fits most standard sizes of regular bed pillow

Thermal Comfort Fabric Options contd.



Manufacturer

Outlast Technologies LLC.

Properties

Outlast® technology, originally developed for NASA, utilizes phase change materials (PCM) that absorb, store and release heat for optimal thermal comfort. Outlast® technology is comparable to ice in a drink; as it changes from solid to liquid, it absorbs heat and cools the drink, keeping that drink at the desired temperature for longer. Outlast® phase change materials work in the same way, but are microencapsulated to be permanently enclosed and protected in a polymer shell. We call microencapsulated phase change materials Thermocules™.



Item	Code	Dimensions	Specifications
Outlast Elastic White Flat Sheet	7030-7889-LST	205 cm wide x 260 cm long	Cot Mattress Sizes
Outlast Elastic White Fabric - off the roll	0033-0810-010	Order size to suit your needs	Use as a top sheet or draping sheet. Also available to be used to upholster items (at Medifab's discretion)



Manufacturer

Pelican Manufacturing.

Properties

The Pelican range of Thermo Regulating (TR) Material items assists those who may be unable to control their body temperature while sleeping. The TR Material was first developed to help astronauts in space maintain their body temperature. The material should help to 'keep cool people warm' and 'keep warm people cool'. The material allows heat from the body to escape and if the body is getting cold, it traps the warmth of the body.

Care

Hand or Machine Wash up to 80°C. Air Dry in Shade or Cool Tumble Dry.

Item	Code	Dimensions	Specifications
Cooling Topper Sheet	7030-7881-S00	91 cm wide x 190 cm long	Has elastic retainers to fit Single Mattress Sizes.

medifab®

Manufacturer

Medifab Merino Covers.

Properties

- 100% Natural
- Soft, insulating, breathable and moisture wicking
- Easy care and machine washable
- Unique thermal properties which keep warm in winter and cool in summer

Item	Code	Dimensions	Specifications
Merino Fabric (black) - off the roll	0033-0730-330	Order size to suit your needs	Custom-tailored to suit your requirements.



Manufacturer

Pharmaouest.

Properties

CareWave can be supplied with cotton towelling covers that zip over the cushion. This material has absorbent and aerating properties which can provide a certain degree of comfort rather than having contact against the PU fabric of the pillow itself – which can feel slightly cold to touch. At least 2 are recommended for laundering purposes.

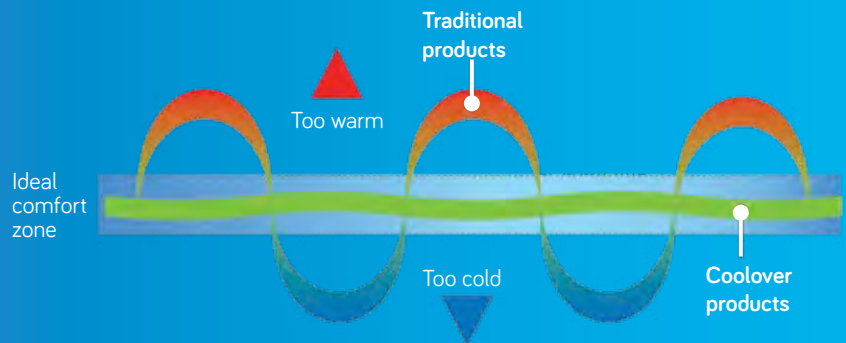
Refer to our Sleep Catalogue for codes and details to suit individual CareWave cushions.

COOLOVER^{TR}3

Effective temperature regulation is key to achieving comfort and skin integrity when in either seated or lying positions.

Most people are comfortable with their skin temperature between 33.3 and 33.6 degrees – a narrow margin. This can easily be affected by moulded seating, clothing, cushions, foams, sheets and bedding – especially for those with complex conditions or neurological problems.

Our 'Micro-Climate' (skin surface temp and humidity/skin surface moisture) – can be affected too by the ambient temperature, ambient humidity, exposure to air and contact with other surfaces.



Coolover Clinical Advantages

1

Absorb and release technology

Coolover fabrics can be used to enhance thermal comfort by working right up close. This soft feel Hypo Allergenic fabric contains tiny Omnitherm microcapsules; these absorb excess heat when the body is hot and release it back when the body cools to maintain a more even temperature for a better night's sleep.

2

Fibre embedding

Having Omnitherm embedded in the fibres themselves, rather than being in a separate inner layer, gets them closer to the skin to offer our most effective temperature controlling fabric to date.

3

Air movement that cools

3D "spacer" knit allows air to move more freely keeping you:
- Cooler as sweat can more easily evaporate
- Drier as moisture is moved away from the skin



Omnitherm Thermal Comfort