



Medium Thermal Synthetic Blanket

ICRC/IFRC/IOM Standard



Mild/cold temperatures



Logo customisable



› Key Features

- › Medium thermal synthetic blankets measuring 1.5 x 2 m, made of virgin polyester fibres, knitted and dry raised on both sides, conforming to ISO 1833 on dry weight.
- › Offers resistance to fire, thermal transfer, and air flow.
- › Provides a minimum of 0.25 Rct (equivalent to 2.5 TOG).
- › Recommended in mildly cold temperatures.

› Dimensions and Weight

Total size	1.50 x 2.00 m (tolerance -1% +3%)
Weight	400 - 700 g/m ²

› Technical Specifications

Materials	100% virgin fibers from polyester, knitted & dry raised on both sides, C.ISO 1833 on dry weight, grey
Thickness	ISO 5084, 6.5 mm minimum (1 KPa on 2,000 mm ²)
Tensile strength	ISO 13934-1, 250N warp and weft minimum
After washing	ISO 13934-1 and ISO 6330: Max 5% warp and weft after 3 consecutive machine washes at 30°C and one flat drying
Shrinkage	ISO 6330: Max 5% warp and weft after 3 consecutive machine washes at 30°C and one flat drying
Weight loss after washing	Max 5% after 3 consecutive machine washing at 30°C and one flat drying
Thermal resistance	ISO 5085-1: TOG 2.5 (or Rct 0.25 m ² K/W) minimum, rounded to the nearest 0.1, passed on samples picked from compressed bales after 3 consecutive machine washes at 30°C & one flat drying
Air flow resistance	ISO 9237 under 100Pa pressure drop: Maximum 1,000L/m ² /s

› Graphic Reference





Medium Thermal Synthetic Blanket

ICRC/IFRC/IOM Standard



Mild/cold temperatures



Logo customisable

Fire resistance	ISO 12952 1: Resistance to cigarette - No ignition ISO 12952 2: Resistance to flame - No ignition
Organoleptic test	No bad smell, no skin irritation, no dust. 4 <pH <9. Free from harmful VOC. Fit for human use
Finish	Whipped seam at 4-7 mm from the edge with 20-35 stitches/10 cm on 4 sides

› Packing and Shipping (ICRC Standard)

	Unpalletised	CRI Pallets	Euro-1 Pallets	Custom Pallets
Content	20 pieces	2 bales (40 pieces)	2 bales (40 pieces)	20 pieces (bale) 4 bales (80 pieces) (pallet)
Dimensions	80 x 55 x 65 cm ±20%	113 x 77 x 75 cm ±20%	120 x 80 x 75 cm ±20%	105 x 55 x 55 cm ±20% (bale) 110 x 105 x 115 cm ±20% (pallet)
Weight	24 kg minimum	60 kg minimum	60 kg minimum	24 kg minimum (bale) 108 kg minimum (pallet)
Volume	0.286 m ³ ±20%	0.653 m ³ ±20%	0.72 m ³ ±20%	0.318 m ³ ±20% (bale) 1.328 m ³ ±20% (pallet)

› Estimated Loadability¹ (ICRC Standard)

Container	Unpalletised	CRI Pallets	Euro Pallets	Custom Pallets
20' DC	108 bales (2,160 pieces)	42 pallets (1,680 pieces)	33 pallets (1,320 pieces)	20 pallets (1,600 pieces)
40' DC	220 bales (4,400 pieces)	90 pallets (3,600 pieces)	72 pallets (2,880 pieces)	44 pallets (3,520 pieces)
40' HC	264 bales (5,280 pieces)	90 pallets (3,600 pieces)	72 pallets (2,880 pieces)	44 pallets (3,520 pieces)

› Packing and Shipping (IOM Standard)

	Unpalletised	CRI Pallets	Euro-1 Pallets
Content	20 pieces	4 bales (80 pieces)	4 bales (80 pieces)
Dimensions	80 x 55 x 55 cm ±20%	113 x 77 x 115 cm ±20%	120 x 80 x 115 cm ±20%
Weight	24 kg minimum	108 kg minimum	108 kg minimum
Volume	0.242 m ³ ±20%	1.00 m ³ ±20%	1.104 m ³ ±20%

› Estimated Loadability¹ (IOM Standard)

Container	Unpalletised	CRI Pallets	Euro-1 Pallets
20' DC	150 bales (3,000 pieces)	28 pallets (2,240 pieces)	22 pallets (1,760 pieces)
40' DC	300 bales (6,000 pieces)	60 pallets (4,800 pieces)	48 pallets (3,840 pieces)
40' HC	350 bales (7,000 pieces)	60 pallets (4,800 pieces)	48 pallets (3,840 pieces)

¹ The loadability provided is based on the maximum volume and weight capacity of the containers. This might change due to road weight restrictions in the country of destination. Please contact our sales team for further clarifications.

