



High Thermal Synthetic Blanket

ICRC/IFRC/IOM Standard



Cold temperatures



Logo customizable



› Key Features

- › High 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 4.0 TOG
- › Recommended for indoor use and cold climates.

› Dimensions and Weight

Total size	1.50 x 2.00 m (Tolerance -1% +3%)
Weight	500 - 1000 g/m ²

› Graphic Reference



› Technical Specifications

Materials	100% virgin fibres from polyester, knitted and dry raised on both sides, C.ISO 1833 on dry weight, grey
Thickness	ISO 5084, 9.5 mm minimum (1KPa on 2000 mm ²)
Tensile strength	ISO 13934-1, 250 N warp and weft minimum
After washing	ISO 13934-1 & ISO 6330: Max 5% warp and weft after 3 consecutive machine washes at 30°C and one flat drying
Shrinkage	Max ISO 6330: Max 5% warp and weft after 3 consecutive machine washing 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 4 (or 0.4m 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 and one flat drying
Air flow resistance	ISO 9237 under 100 Pa pressure drop: Maximum 1,000 L/m ² /s



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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 Packaging
Content	15 pieces	2 bales (30 pieces)	2 bales (30 pieces)	15 pieces / bale 4 bales (60 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 ±20% (pallet)
Weight	22.5 kg minimum	57 kg minimum	57 kg minimum	22.5 kg minimum (bale) 102 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-1 Pallets	Custom Pallets
20' DC	108 bales (1,620 pieces)	42 pallets (1,260 pieces)	33 pallets (990 pieces)	20 pallets (1,200 pieces)
40' DC	220 bales (3,300 pieces)	90 pallets (2,700 pieces)	72 pallets (2,160 pieces)	44 pallets (2,640 pieces)
40' HC	264 bales (3,960 pieces)	90 pallets (2,700 pieces)	72 pallets (2,160 pieces)	44 pallets (2,640 pieces)

› Packing and Shipping (IOM Standard)

	Unpalletised	CRI Pallets	Euro-1 Pallets
Content	15 pieces	4 bales (60 pieces)	4 bales (60 pieces)
Dimensions	80 x 55 x 55 cm ±20%	113 x 77 x 75 cm ±20%	120 x 80 x 115 cm ±20%
Weight	22.5 kg minimum	102 kg minimum	102 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 (2,250 pieces)	28 pallets (1,680 pieces)	22 pallets (1,320 pieces)
40' DC	300 bales (4,500 pieces)	60 pallets (3,600 pieces)	48 pallets (2,880 pieces)
40' HC	350 bales (5,250 pieces)	60 pallets (3,600 pieces)	48 pallets (2,880 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.

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