



# Low Thermal Synthetic Blanket

## ICRC/IFRC Standard



Mild temperatures



Logo customisable



### › Key Features

- › Low 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 0.15 Rct (equivalent to 1.5 TOG).
- › Recommended for indoor use, on a bed, in a house with heating facilities.

### › Dimensions and Weight

Total size	1.50 x 2.00 m (Tolerance -1% +3%)
Weight	200 - 400 g/m <sup>2</sup>

### › Technical Specifications

Materials	100% virgin fibres from polyester or acrylic, knitted or woven, dry raised both sides, C.ISO 1833 on dry weight, with colour grey
Thickness	ISO 5084, 3.5 mm minimum (1KPa on 2,000 mm <sup>2</sup> )
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 washes at 30°C and one flat drying
Thermal resistance	ISO 11092: TOG 1.5 (or Rct 0.15 m <sup>2</sup> K/W) minimum, rounded to the nearest 0.01, passed on samples picked from compressed bales. After opening of the bale, the blanket shall be dry tumbled in a dryer for 15 minutes (without any other load), at a temperature of less than 30°C and at least 24 hours by flat lying
Air flow resistance	ISO 9237 under 100Pa pressure drop: Max 1,500 L/m <sup>2</sup> /s

### › Graphic Reference





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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

	Unpalletised	CRI Pallets	Euro-1 Pallets
Content	25 pieces	4 bales (100 pieces)	4 bales (100 pieces)
Dimensions	80 x 55 x 55 cm ±20%	113 x 77 x 115 cm ±20%	120 x 80 x 115 cm ±20%
Weight	15 kg minimum	72 kg minimum	72 kg minimum
Volume	0.242 m <sup>3</sup> ±20%	1.00 m <sup>3</sup> ±20%	1.104 m <sup>3</sup> ±20%

### › Estimated Loadability<sup>1</sup>

Container	Unpalletised	CRI Pallets	Euro-1 Pallets
20' DC	150 bales (3,750 pieces)	28 pallets (2,800 pieces)	22 pallets (2,200 pieces)
40' DC	300 bales (7,500 pieces)	60 pallets (6,000 pieces)	48 pallets (4,800 pieces)
40' HC	350 bales (8,750 pieces)	60 pallets (6,000 pieces)	48 pallets (4,800 pieces)

### › Packing and Shipping (ICRC Standard)

	Unpalletised	CRI Pallets	Euro-1 Pallets	Custom Packaging
Content	30 pieces	2 bales (60 pieces)	2 bales (60 pieces)	30 pieces / bale 4 bales (120 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	18 kg minimum	48 kg minimum	48 kg minimum	18 kg minimum (bale) 84 kg minimum (pallet)
Volume	0.286 m <sup>3</sup> ±20%	0.653 m <sup>3</sup> ±20%	0.72 m <sup>3</sup> ±20%	0.318 m <sup>3</sup> ±20% (bale) 1.328 m <sup>3</sup> ±20% (pallet)

### › Estimated Loadability<sup>1</sup> (ICRC Standard)

Container	Unpalletised	CRI Pallets	Euro-1 Pallets	Custom Packaging
20' DC	108 bales (3,240 pieces)	42 pallets (2,520 pieces)	33 pallets (1,980 pieces)	20 pallets (2,400 pieces)
40' DC	220 bales (6,600 pieces)	90 pallets (5,400 pieces)	72 pallets (4,320 pieces)	44 pallets (5,280 pieces)
40' HC	264 bales (7,920 pieces)	90 pallets (5,400 pieces)	72 pallets (4,320 pieces)	44 pallets (5,280 pieces)

<sup>1</sup> 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.

