



Low Thermal Synthetic Blanket
ICRC/IFRC Standard



Product key features

Low Thermal Synthetic Blanket

- ICRC/IFRC Standard
- Resistant to fire, thermal & air flow
- Minimum 1.5 TOG for indoor use, on a bed, in a house with heating facilities
- 1.5m x 2m low synthetic blankets made of virgin fibres from polyester, knitted and dry raised both sides, ISO 1833 on dry weight, 100% virgin polyester
- Recommended for indoor use, on a bed, in a house with heating facilities.

Technical specifications

Dimensions

Total size	1.50 x 2.00m
Weight	200-400 gsm

Materials

- All our materials are UV-proof, waterproof, rotproof and fire resistant.
- Marking and logo customized to your requirements.

Materials	
Blankets	100% virgin fibers from polyester or acrylic, knitted or woven, dry raised both sides, ISO C1833 on dry weight, color grey. Some cotton may be included in the yarns.
Thickness	ISO 5084, 3.5mm minimum (1KPa on 2000 mm ²)
Tensile strength	ISO 13934-1: 250N 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	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 0.15m ² 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 1500 L/m ² /s
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 10mm from the edge with 10-13 stitches/ 100mm or stitched ribbon or hemmed on 4 sides. Corners can be round up to 100mm radius, or square.

Packing & shipping

Packing unit	ICRC
Content and dimension per bale	25 pcs / bale
Dimensions (cm)	80 x 53 x 55 cm ±5
Per piece weight (kgs)	1.05 approx
Packing unit weight	26.75 ±2
CBM	0.233 ±5%

Estimated loadability¹

Container	Loadability ICRC Standard	
	Bales/Pallets	Pcs
20' GP container	161	4,025
40' DC container	300	7,500
40' HC container	375	9,375

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 bdm@nrs-international.com