



Medium Thermal Synthetic Blanket

ICRC/IFRC Standard



Product key features

Medium Thermal Synthetic Blanket

- ICRC/IFRC Standard
- Resistant to fire, thermal & air flow
- Minimum 2.5 TOG for outdoor use & indoor use without artificial heat
- 1.5m x 2m medium synthetic blankets made of virgin fibres from polyester, knitted & dry raised both sides, ISO C1833 on dry weight, 100% virgin polyester
- Recommended in mildly cold temperatures.

Technical specifications

Dimensions

Total size	1.50 x 2.00 m
Weight	400 - 700 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, knitted & dry raised on both sides, ISO C1833 on dry weight, grey
Thickness	ISO 5084, 3mm minimum (1KPa on 2000 mm2)
Tensile strength	ISO 13934-1: 250N warp &weft minimum
After washing	ISO 13934-1 & ISO 6330: Max 5% warp &weft after 3 consecutive machine washes at 30°C & one flat drying
Shrinkage	ISO 6330: Max 5% warp &weft after 3 consecutive machine washes at 30°C & one flat drying
Weight loss after washing	Max 5% after 3 consecutive machine washes at 30°C & one flat drying
Thermal resistance	ISO 5085-1: TOG 2.5 (or 0.25m 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: Max 1000L/m ² /s
Fire resistance	ISO 12952 - 1 and 2: Resistance to cigarette. No ignition. ISO 12952 - 3 and 4: Resistance to flame. No ignition. Specification under normal textile test conditioning ISO 139, 65% moisture, 20°C for 24 hours
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

Packing & shipping

Packing unit	ICRC/IFRC
Content and dimension per bale	20 pcs / bale 80 x 53 x 47 cm
Weight per bale	Min. 23 kgs
Content and dimension per pallet	80 pcs / pallet 112 x 78 x 115 cm
Weight per pallet	Min. 106 kgs

Estimated loadability¹

Loadability UNHCR Standard		
Container	With customized pallet	Without pallet
20' GP container	28 pallets (2,240 pcs)	140 bales (2,800 pcs)
40' DC container	60 pallets (4,800 pcs)	300 bales (6,000 pcs)
40' HC container	60 pallets (4,800 pcs)	375 bales (7,500 pcs)

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