

High Thermal Synthetic Blanket, Recycled

UNHCR Standard



› Key Features

- › High thermal synthetic blankets measuring 1.5 x 2 m, made of 100% post-consumer recycled 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 - 1,000 g/m ²

› Technical Specifications

Materials	100% recycled fibres from polyester or acrylic, knitted or woven, dry raised both sides, C.ISO 1833 on dry weight, colour grey
Thickness	ISO 5084, 9.5 mm minimum (1KPa on 2000 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 washes at 30°C and one flat drying
Thermal resistance	ISO 5085-1: TOG 4 (or 0.4 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 and one flat drying
Air flow resistance	ISO 9237 under 100Pa pressure drop: maximum 1000 L/m ² /s

› Graphic Reference





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Circularity Design



Cold temperatures



Logo customisable

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 4-7 mm from the edge with 20-35 stitches/10 cm on 4 sides

> Packing and Shipping

	Unpalletised	CRI Pallets	Euro Pallets
Content	15 pieces	4 bales (60 pieces)	4 bales (60 pieces)
Dimensions	80 x 55 x 55 cm ±20%	113 x 77 x 115 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

Container	Unpalletised	CRI Pallets	Euro 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	360 bales (5,400 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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