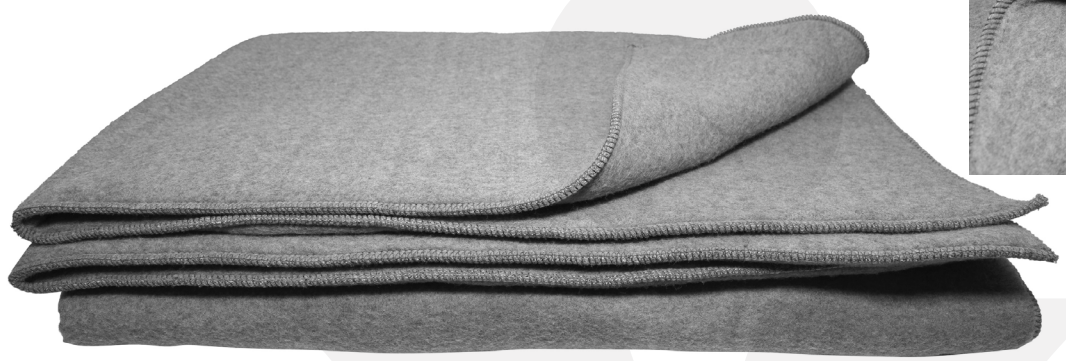
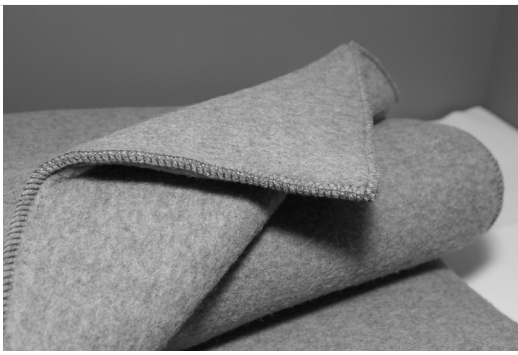
Low Thermal Synthetic Blanket

Recycled Material | Mild temperatures | Logo customizable



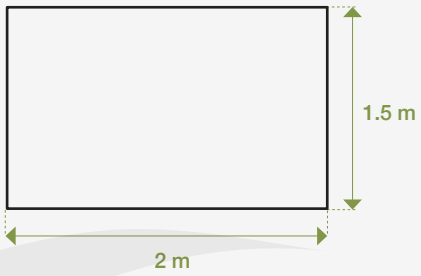


› Key features

The Low Thermal Blanket crafted from 100% recycled materials is purpose-built for a circular economy. It consists of one thick layer crafted from recycled post-consumer waste material (polyethylene terephthalate, PET).

» **Efficient Thermal Performance.** Delivers commendable thermal insulation to ensure users stay warm and comfortable in normal weather conditions.
» **Eco-Friendly Material.** Constructed from 100% recycled polyester material, reducing the need for new resources.
» **Resource Efficiency in Production.** Resource-efficient, closed-loop production methods are employed, using post-consumer waste materials to conserve resources, decrease carbon emissions by 61%, and enhance energy efficiency by 61%.
» **Designed for Recyclability.** Not only is this blanket made from recycled materials, but it is also 100% recyclable, actively promoting a circular economy and minimizing environmental impact.
» **Durability.** Designed to endure repeated use and maintain its thermal properties over time.
» **Ethical and Sustainable.** Manufactured with a strong emphasis on ethical labour practices and sustainability, contributing to a more responsible and environmentally conscious supply chain.

› Graphic reference



› Materials

Blankets	100% recycled fibers from polyester or acrylic, knitted or woven, dry raised both sides, C.ISO 1833 on dry weight, colour grey
Thickness	ISO 5084, 3.5 mm minimum (1KPa on 2000 mm²)
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

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Thermal resistance	ISO 11092: TOG 1.5 (or Rct 0.15 m2 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/m²/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 4-7 mm from the edge with 20-35 stitches/10 cm on 4 sides

› Dimensions

Total size	1.50 x 2.00 m (Tolerance -1% +3%)
Weight	200 - 400 gsm

› Packing and shipping

	Without pallets	CRI pallets	Euro pallets
Content	20 pcs	4 bales (80 pcs)	4 bales (80 pcs)
Dimensions	80 x 55 x 50 cm ±20%	112 x 78 x 115 cm ±20%	120 x 80 x 115 cm ±20%
Weight	Min. 12 kg	Min. 62 kg	Min. 62 kg
Volume	0.220 cbm ±20%	1.005 cbm ±20%	1.104 cbm ±20%

› Estimated loadability[1]

Container	Without pallets	CRI pallets	Euro pallets
20' DC	161 bales (3,220 pcs)	28 pallets (2,240 pcs)	22 pallets (1,760 pcs)
40' DC	340 bales (6,800 pcs)	60 pallets (4,800 pcs)	48 pallets (3,840 pcs)
40' HC	375 bales (7,500 pcs)	60 pallets (4,800 pcs)	48 pallets (3,840 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 our sales team for further clarifications.