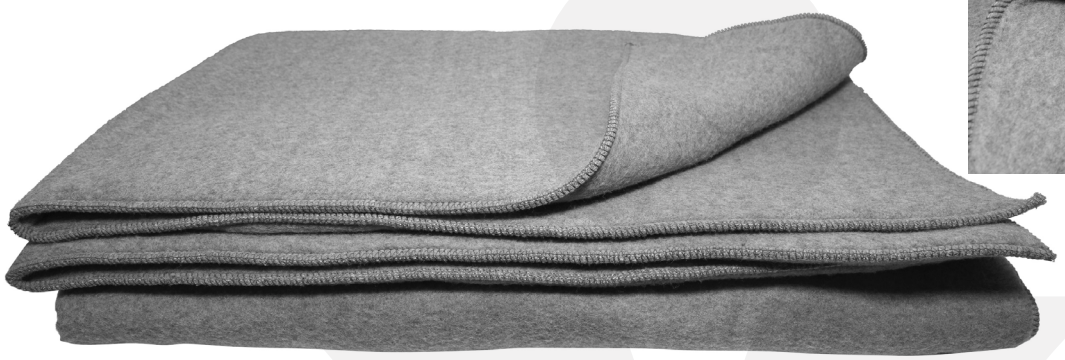
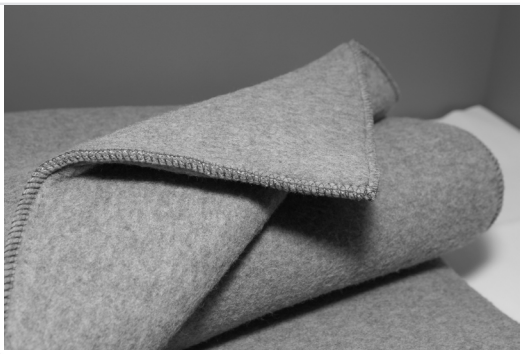
High Thermal Synthetic Blanket

Recycled Material | Mild temperatures | Logo customizable



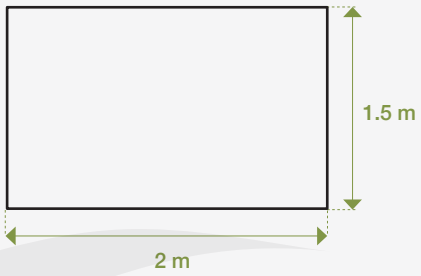


› Key features

The High Thermal Blanket made from 100% recycled materials has been designed for a circular economy. It consists of two outer layers made from recycled post-consumer waste material (polyethylene terephthalate, PET) and an inner layer made from non-woven fabric produced using offcuts from both production and pre-consumer waste.

- **High Thermal Performance.** Provides excellent thermal insulation to keep users warm and comfortable in cold weather conditions.
- **Eco-Friendly Material.** Made from 100% recycled polyester material, reducing the demand for virgin resources.
- **Resource Efficient in Production.** Resource-efficient, closed-loop production blankets are made from post-consumer waste materials to preserve resources, conserve water by 36%, lower carbon emissions by 74%, and enhance energy efficiency by 74%.
- **Designed for Recyclability.** This blanket is not only made from recycled materials but is also 100% recyclable, promoting a circular economy and reducing environmental impact.
- **Durability.** Designed to withstand repeated use and maintain its thermal properties over time.
- **Ethical and Sustainable.** Manufactured with a focus on ethical labour practices and sustainability, contributing to a more responsible and eco-conscious supply chain.

› Graphic reference



› Materials

Blankets	100% recycled fibers from polyester, knitted and dry raised on both sides, ISO C1833 on dry weight, grey colour.
Thickness	ISO 5084, 9.5 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	Max ISO 6330: Max 5% warp and weft after 3 consecutive machine washing at 30°C and one flat drying
Weight loss after washing	Max 5% after 3 consecutive machine washing at 30°C and one flat drying

High Thermal Synthetic Blanket

Recycled Material | Mild temperatures | Logo customizable

› Materials

Thermal resistance	ISO 5085-1: TOG 4 (or 0.4m² 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 1000L/m²/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 the normal textile test conditioning ISO 139, 65% moisture and 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

› Dimensions

Total size	1.50 x 2.00 m (Tolerance -1% +3%)
Weight	500 - 1000 gsm

› Packing and shipping

	Without pallets	CRI pallets	Euro pallets
Content	15 pcs	4 bales (60 pcs)	4 bales (60 pcs)
Dimensions	80 x 53 x 52 cm ±20%	112 x 78 x 115 cm ±20%	120 x 80 x 115 cm ±20%
Weight	Min. 22.5 kg	Min. 104 kg	Min. 104 kg
Volume	0.220 m³ ±20%	1.001 m³ ±20%	1.104 m³ ±20%

› Estimated loadability[1]

Container	Without pallets	CRI pallets	Euro pallets
20’ DC	150 bales (2,250 pcs)	28 pallets (1,680 pcs)	22 pallets (1,320 pcs)
40’ DC	300 bales (4,500 pcs)	60 pallets (3,600 pcs)	48 pallets (2,880 pcs)
40’ HC	350 bales (5,250 pcs)	60 pallets (3,600 pcs)	48 pallets (2,880 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.