Medium Thermal Synthetic Blanket
UNHCR/UNICEF/ICRC/IFRC Standard

2.5 TOG

Mild/cold temperatures

Logo customisable

Dimensions

Total size	1.50 m x 2.00 m
Weight	350 gsm - 450 gsm

Materials

Blankets	100% virgin fibres from polyester, knitted and dry raised on both sides, ISO C1833 on dry weight, grey
Thickness	ISO 5084, 3 mm minimum (1 KPa on 2000 mm²)
Tensile strength	ISO 13934-1: 250 N warp and weft minimum
After washing	ISO 13934-1 and ISO 6330: Max 5% warp and weft after three consecutive machine washes at 30°C and one flat drying
Shrinkage	ISO 6330: Max 5% warp and weft after three consecutive machine washes at 30°C and one flat drying
Weight loss after washing	Max 5% after three consecutive machine washes at 30°C and one flat drying

Thermal resistance	ISO 5085-1: TOG 2.5 (or 0.25 m² K/W) minimum, rounded to the nearest 0.1, passed on samples picked from compressed bales after three consecutive machine washes at 30°C and one flat drying
Air flow resistance	ISO 9237 under 100 Pa pressure drop: Max 1000 L/m²/s
Fire resistance	ISO 12952 - 1 and 2: Resistance to cigarettes. No ignition ISO 12952 - 3 and 4: Resistance to flames. 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 10 mm from the edge with 10-13 stitches / 100 mm or stitched ribbon or hemmed on four sides

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- Thermal and air flow resistant
- Minimum 2.5 TOG for outdoor use and indoor use without artificial heat.