

## Standard Products Catalogue ICRC/IFRC

### Sustainable information sheet

#### Product: Mattress for general distribution (vacuumed packed optional)

The below table is based on the Sustainable Criteria list available at:

<https://itemscatalogue.redcross.int/green--2/sustainable-procurement--25/sustainable-criteria--112/information-sheet-sustainable-procurement--SUSTAINABLE.aspx>

Environmental aspects	Achievements
Use long lasting products and materials, to minimize the replacement and allow the second life.	The mattresses are made of quality foam to ensure the longest possible usage.
Recycling the raw material of the product	Polyurethane foam can be repurposed for making cushion or any other usage. Polyester cover can be collected for industrial recycling.
Using recycled or re-used materials to make the product	Requires investigation.
Reduced weight and volume compared to equivalent preceding products	These polyurethane mattresses can be compressed to minimize volume. This is not possible with other types of mattresses.
Seek equipment that is energy efficient	Not applicable
Use materials with reduced effect on environment due to their intrinsic nature	Polyurethane and Polyester are not without effects on environment. For local purchases, natural fibres mattresses could be supplied, as long it has been assessed.
No (or reduced) polluting with minimum use of toxic chemicals, CFCs ozone and other pollutants	Requires investigation to reduce the impact of flame retardant additives, and other additives if any.
100% biodegradable material when biodegradability in the environment is foreseen	Not applicable to polyurethane and polyester.
Use of materials and products that can have a second life in a different usage	Polyurethane foam can be used for making cushion, carpet underlay, insulation, can be income generating reuses. Polyester can only be collected for recycling.

Use equipment that have a high rate of reparability when applicable	Requires investigation to make a repairable polyester cover.
When products are made up of several types of material, particularly plastics and metals, the ease of disassembly is taken into consideration. Particularly relevant for electronic and electrical products.	Easy to separate the polyurethane foam from the polyester cover.
Minimum packaging. Reducing the packaging to the minimum although enabling the product to survive poor handling. Optimize palletization and TC loading.	<p>The mattresses are compressed from factory. This saves 75% of the volume for transport. This reduces the energy consumption for transport.</p> <p>Not compressed for short distances as that has no impact or negative impact (thicker plastic, energy consumption)</p> <p>Investigation required to remove the extra packaging on pallets where climatic condition does not need it.</p>
<p>Manage sourcing in a way that reduces the environmental impact and facilitates the application of social standards.</p> <p>Favor manufacturing processes that facilitate pollution control.</p> <p>Proper waste management in the production site</p>	<p>1<sup>st</sup> level: The mattresses and covers are produced by small and medium scale industrial plants. We perform Quality Social Environmental audits on site to ensure our requirements are met. This includes corrective action plan and implementation follow up.</p> <p>2<sup>nd</sup> level: The raw materials (Polyurethane. Polyester.) are produced by large industrial plants where international regulations on pollution should apply. We rely on our manufacturers to keep control of their raw material producers, and encouraging them during the audits to source raw materials from clean origin.</p>

<b>Social aspects</b>	
Ethical standards	
The ICRC/IFRC code of conduct for purchasing strives to ensure the ICRC highest ethical standards and ethical standards from our suppliers too. Each person undertaking any purchasing activity in the ICRC signs this document.	The lead buyers are applying the Code of Conduct and Code of Ethics ensuring the ethical standards are respected along the supply chain. Audited by internal services.
The ICRC/IFRC Ethical Purchasing policy is being implemented. Criteria on working conditions, hygiene and security, safety, child labour, and environmental concerns are assessed	The manufacturing plants have been validated, ensuring the ethical standards are respected.

in the manufacturing units. Position on Ethical Policy for Purchasing (icrc.org)	Manufacturers are encouraged to implemented progress actions, following recommended international standards. Audited by our services.
Social impact: labour and deontological practices, Health and safety, hardship working conditions, etc.	The manufacturing plants have been validated, ensuring the social standards are respected.

<b>Economic impact, value for money</b>	
Maximum durability, reparability, reusability, recyclability and upgradeability:	High quality, and repurposing possibilities.
Use long lasting products and materials, to minimize the replacement and allow the second life.	Life span is high with high quality mattress.
Reparability is also considered during the design of the product.	Under investigation.
Seek products that enable updated and improve performance.	Not applicable
Anti-fraud policy: ICRC/IFRC policy to prevent fraud and corruption for all staff members and external partners	The anti-fraud policy guaranties the proper application of the product specification through a well-controlled purchasing process, a transparent and reliable quality control, and tight supervision of the inspection companies in particular during factory visits.