

# QSE Working Group



Status	VALIDATED
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Version	1

## Unified Technical Specifications: Sleeping Mat 1.8m x 0.9 m

Nonconformities classification: Critical: **C**; Major: **M**; Minor: **m**

	Characteristics	Non conformities classification	QC type	AQL	Requirements
Bales	Marking on the bales	<b>m</b>	Ok/Nok	6,5	Floor mats, plastic, 1.8m x 0.9m, quantity: 25 mats. No logo of the supplier allowed, must be readable and strong enough to resist 10 handlings.
	Bales strapping	<b>m</b>	Ok/Nok	6,5	Package to be wrapped in a protective outer PP woven canvas, with 4 straps on the length well tightened . Items will not be wrapped in single use plastics. Restricted colour for the mats applies to packaging as well.
	Bales quality	<b>m</b>	Ok/Nok	6,5	Mats packed in polypropylene PP bags (no hole, tears...)
	Content	<b>m</b>	Ok/Nok	6,5	Packing: Bales of 25 pieces
Technical Specifications	Material	<b>C</b>	Ok/Nok	0	Warp: Polypropylene (PP) multifilament 500 deniers minimum (tests protocol: Infra red for the determination of the composition, balance for the thickness of the filament), Weft: Polypropylene (PP) hollow tubes not containing any filler (tests protocol: Infra red for the determination of the composition; Oven >600°C, balance for the ash content (Minerals); Soxhlet, balance ethanol for the oil content)
	Recycled raw material	<b>n/a</b>			Depending on the terms of the contract, using material from recycled origin can be either mandatory or preferred. As described by the Circular Plastic Alliance of the EU commission in EN 45557 and the US Federal Trade Commission Green Guides in accordance with ISO14021 principles, recycled plastic includes post-industrial recycled (PIR) and post-consumer recycled (PCR), it excludes reworked material. In this last case, even though using waste from the same production is accepted, it does not count as material from recycled origin. Note that PCR is preferred to PIR.
	Bursting strength at the origin	<b>M</b>	Measurement	4,0	ISO13938-1: 700 kPa minimum
	Weight	<b>m</b>	Measurement	6,5	450g/m <sup>2</sup> (measurement done on total weight divided by total surface of the mat) Tolerances: +/- 30g/m <sup>2</sup>
	Mat length	<b>M</b>	Measurement	4,0	Minimum 1800 mm, Maximum 1900 mm
	Mat width	<b>M</b>	Measurement	4,0	Minimum 900 mm
	Tubes quantity	<b>M</b>	Measurement	4,0	Minimum 1000 tubes in weft per meter length
	Secured edge	<b>M</b>	Ok/Nok	4,0	The two short sides to be secured with a first stitch folded hem of the mat, plus one bias 40mm binding tape of minimum 10g/m with stitches through the fabric of the mat, or with a double folded stitched hem. Four sides trim finished.
	Design/Motif	<b>C</b>	Ok/Nok	0	The design/motif shall not contain signs or religious proverbs and / or political.
	Color	<b>M</b>	Ok/Nok	4,0	Colour: Can be uniformed or assorted, with neutral design. Exclude red, black and military green.
General quality	<b>M</b>	Ok/Nok	4,0	Homogeneous weaving (no non-weaved tubes)	