

AQL Blankets Definitions, penalties and Quality Control rules.

PU-I-011-AQL Blankets-en-rev1.1

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

Nonconformities ICRC classification definitions:

Critical nonconformity: Any discrepancy which might harm an user or makes it impossible to use the product properly is considered to be critical. Lots with Critical discrepancy are subject to refusal.

Major nonconformity: Any discrepancy which makes the use of the product less efficient than expected is considered to be major. Lots with Major discrepancies can be accepted.

Minor nonconformity: Any discrepancy which does not have an influence on the performance of the product is considered to be minor. Lots with Minor discrepancies can be accepted.

Non-Conformities classification and related penalties:

Critical: (AQL 0)

Nonconforming characteristic (number of nonconforming items • Rejection number. ISO-2859-1) implies a penalty of 10% of the value of the total PO and is subject to lot refusal.

Major: (AQL 4.0)

Nonconforming characteristic (number of nonconforming items • Rejection number. ISO-2859-1) implies first time a penalty of 0.5% of the value of the total PO, second time 1 %, and + 0.5% at every occurance for the duration of the contract per each nonconforming characteristic. > 10% of nonconforming items is subject to lot refusal

Minor: (AQL 6.5)

Nonconforming characteristic (number of nonconforming items • Rejection number. ISO-2859-1) implies 2 times without penalties, third time a penalty of 0.5% of the value of the total PO, fourth time 1 %, and +0.5% at every occurance for the duration of the contract per each nonconforming characteristic. >10% of nonconforming items is subject to lot refusal.

Quality Control and Acceptance Quality Limit:

The Method of testing is drawn from ISO-2859-1 International Standards (table1: Sample size code letters, and table 2-A: Single sampling plans for normal inspection). The samples will be taken randomly by the buyer from the delivered items and then inspected.

The buyer can decide either to inspect the lot at ICRC QC laboratory or to use an inspection company for analysis, or both. Transport to laboratory and analysis cost for lab testing are at expence of ICRC.

The seller can contest the results of the Quality Control done at ICRC warehouses by requesting a lab testing. In this case transport to laboratory and analysis cost for lab testing are at expence of the seller.

Nonconformity: non-fulfilment of a specified characteristic requirement.

Nonconforming item: item with one or more nonconformities.

Lot: definite amount of some product, material or service, collected together

Sample: set of one or more items taken from a lot and intended to provide information on the lot

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| ICRC | AQL Blankets, woven, 50% WOOL, 1.5x2m, medium thermal resistance Specifications and Quality Control | | | PU-I-011-AQL Blankets-en-rev1.1 | | |
|---|--|--------------------------------|-------------|---------------------------------|---|--|
| | | | | | Nonconformities classification: Critical: C; Major: M; Minor: m | |
| Items | Characteristics | Nonconformities classification | QC type | AQL | QC Inspection at ICRC warehouses and lab testing | |
| | Marking on the bales | m | Ok/Nok | 6.5 | Marking expected: ICRC + Blankets, woven, wool, 1.5x2m, medium thermal resistance - 20 pieces. + PO number. No logo of the supplier allowed. | |
| | Bales length | m | Measurement | 6.5 | Minimum: 72cm ; Maximum:88cm. | |
| | Bales width | m | Measurement | 6.5 | Minimum: 40cm ; Maxi:60cm. | |
| Bales | Bales height | m | Measurement | 6.5 | Minimum: 40cm ; Maxi:60cm. Height of the bales to be compressed by maximum 40% from free state to final compressed and strapped state. | |
| | Bales strapping | m | Measurement | 6.5 | Compressed and strapped with 5 straps (2 lengthwise, 3 crosswise) | |
| | Bales quality | m | Ok/Nok | 6.5 | Bales to be wrapped in a water-tight micro perforated plastic film and covered with a polypropylene or jute woven bag. | |
| | Content | m | Ok/Nok | 6.5 | Quantity per bale: 20 pieces. | |
| | Material | С | Ok/Nok | 0 | Woven, dry raised both sides, 50% wool fibres +/-5%, 50 % other textile fibres, recycled fibres accepted. ISO1833 on dry weight. | |
| | Colours | М | Ok/Nok | 4.0 | Other than black, red, or white, dark uniform colour (Grey, brown or other dark colours). Colour should be well fixed and not run with washing. | |
| | Length | m | Measurement | 6.5 | Minimum: 198cm; Maximum:206cm. To be taken on flat stabilised sample, without folds. | |
| | Width | m | Measurement | 6.5 | Minimum: 148.5cm; Maximum:154.5cm. To be taken on flat stabilised sample, without folds. | |
| | Weight | m | Measurement | 6.5 | Minimum:570g/m2; maximum670g/m2. Weight determined by total weight/total surface. | |
| | Thickness | М | Measurement | 4.0 | 3mm minimum. ISO 5084 (1KPa on 2000mm²) | |
| | Tensile strength | м | Measurement | 4.0 | 250N warp and weft minimum. ISO13934-1 | |
| BLANKET, woven, 50% | Tensile strength loss after washing | м | Measurement | 4.0 | Maximum 5% warp and weft after 3 consecutive machine washing at 30°C and one flat drying. ISO13934-1 and ISO 6330 | |
| WOOL, 1.5x2m, medium thermal resistance | Shrinkage maxi. | м | Measurement | 4.0 | Maximum 5% warp and weft after 3 consecutive machine washing at 30°C and one flat drying. ISO 6330 | |
| | Weight loss after washing | м | Measurement | 4.0 | Maximum 5% after 3 consecutive machine washing at 30°C and one flat drying. | |
| | Thermal resistance | М | Measurement | 4.0 | 0.25m².K/W minimum, passed on samples picked from compressed bales after 3 consecutive machine washing at 30°C and one flat drying. ISO 5085-1 | |
| | Resistance to air flow | м | Measurement | 4.0 | Maximum 1000 L/m²/s. ISO9237 under 100Pa pressure drop | |
| | Finishing | m | Measurement | 6.5 | Whipped seam at 10mm from the edge with 10 to 13 stitches/10cm or stitched ribbon or hemmed on 4 sides. The edges finishing should be straight. | |
| | Organoleptic test | м | Ok/Nok | 4.0 | No bad smell, not irritating to the skin, no dust. 4 <ph<9. (volatile="" components).<="" free="" from="" harmful="" organic="" td="" voc=""></ph<9.> | |
| | Fire resistance | С | Ok/Nok | 0 | Resistance to cigarette - No ignition. ISO12952-1&2 Resistance to flame - No ignition. ISO12952-3&4 | |
| | Homogeneous quality | М | Ok/Nok | 4.0 | The blankets should be homogeneous and not presenting fibbers missing. | |

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| ICRC | AQL Blankets, woven, 80% wool, 1.5x2m, high thermal resistance Specifications and Quality Control | | | PU-I-011-AQL Blankets-en-rev1.1 | |
|--|--|--------------------------------|-------------|---------------------------------|---|
| Items | Characteristics | Nonconformities classification | QC type | AQL | Nonconformities classification: Critical: C; Major: M; Minor: m QC Inspection at ICRC warehouses and lab testing |
| | Marking on the bales | m | Ok/Nok | 6.5 | Marking expected: ICRC + Blankets, woven, wool, 1.5x2m, high thermal resistance - 20 pieces. + PO number. No logo of the supplier allowed. |
| | Bales length | m | Measurement | 6.5 | Minimum: 72cm ; Maximum:88cm. |
| | Bales width | m | Measurement | 6.5 | Minimum: 40cm ; Maxi:60cm. |
| Bales | Bales height | m | Measurement | 6.5 | Minimum: 40cm; Maxi:60cm. Height of the bales to be compressed by maximum 40% from free state to final compressed and strapped state. |
| | Bales strapping | m | Measurement | 6.5 | Compressed and strapped with 5 straps (2 lengthwise, 3 crosswise) |
| | Bales quality | m | Ok/Nok | 6.5 | Bales to be wrapped in a water-tight micro perforated plastic film and covered with a polypropylene or jute woven bag. |
| | Content | m | Ok/Nok | 6.5 | Quantity per bale: 20 pieces. |
| | Material | С | Ok/Nok | 0 | Woven, dry raised both sides, 80% wool fibres +/-5%, 20% other textile fibres, recycled fibres accepted. ISO1833 on dry weight. |
| | Colours | м | Ok/Nok | 4.0 | Other than black, red, or white, dark uniform colour (Grey, brown or other dark colours). Colour should be well fixed and not run with washing. |
| | Length | m | Measurement | 6.5 | Minimum: 198cm; Maximum:206cm. To be taken on flat stabilised sample, without folds. |
| | Width | m | Measurement | 6.5 | Minimum: 148.5cm; Maximum:154.5cm. To be taken on flat stabilised sample, without folds. |
| | Weight | m | Measurement | 6.5 | Minimum:670g/m2; maximum1000g/m2. Weight determined by total weight/total surface. |
| | Thickness | M | Measurement | 4.0 | 5mm minimum. ISO 5084 (1KPa on 2000mm²) |
| | Tensile strength | M | Measurement | 4.0 | 250N warp and weft minimum. ISO13934-1 |
| BLANKET, woven, 80% | Tensile strength loss after washing | м | Measurement | 4.0 | Maximum 5% warp and weft after 3 consecutive machine washing at 30°C and one flat drying. ISO13934-1 and ISO 6330 |
| wool, 1.5x2m, high thermal resistance | Shrinkage maxi. | м | Measurement | 4.0 | Maximum 5% warp and weft after 3 consecutive machine washing at 30°C and one flat drying. ISO 6330 |
| | Weight loss after washing | М | Measurement | 4.0 | Maximum 5% after 3 consecutive machine washing at 30°C and one flat drying. |
| | Thermal resistance | м | Measurement | 4.0 | 0.40m².K/W minimum, passed on samples picked from compressed bales after 3 consecutive machine washing at 30°C and one flat drying. ISO 5085-1 |
| | Resistance to air flow | М | Measurement | 4.0 | Maximum 1000 L/m²/s. ISO9237 under 100Pa pressure drop |
| | Finishing | m | Measurement | 6.5 | Whipped seam at 10mm from the edge with 10 to 13 stitches/10cm or stitched ribbon or hemmed on 4 sides. The edges finishing should be straight. |
| | Organoleptic test | М | Ok/Nok | 4.0 | No bad smell, not irritating to the skin, no dust. 4 <ph<9. (volatile="" components).<="" free="" from="" harmful="" organic="" td="" voc=""></ph<9.> |
| | Fire resistance | С | Ok/Nok | 0 | Resistance to cigarette - No ignition. ISO12952-1&2 Resistance to flame - No ignition. ISO12952-3&4 |
| | Homogeneous quality | М | Ok/Nok | 4.0 | The blankets should be homogeneous and not presenting fibbers missing. |

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| ICRC | AQL Blankets synthetic medium thermal resistance Specifications and Quality Control | | | | PU-I-011-AQL Blankets-en-rev1.1 |
|---------------------------|--|--------------------------------|-------------|-----|---|
| | | | | | Nonconformities classification: Critical: C; Major: M; Minor: m |
| Items | Characteristics | Nonconformities classification | QC type | AQL | QC Inspection at ICRC warehouses and lab testing |
| | Marking on the bales | m | Ok/Nok | 6.5 | Marking expected: ICRC + BLANKET, SYNTHETIC, 1.5x2m, medium thermal resistance - 20 pieces. + PO number. No logo of the supplier allowed. |
| | Bales length | m | Measurement | 6.5 | Minimum: 72cm ; Maximum:88cm. |
| | Bales width | m | Measurement | 6.5 | Minimum: 40cm ; Maxi:60cm. |
| Bales | Bales height | m | Measurement | 6.5 | Minimum: 40cm ; Maxi:60cm. Height of the bales to be compressed by maximum 40% from free state to final compressed and strapped state. |
| | Bales strapping | m | Measurement | 6.5 | Compressed and strapped with 5 straps (2 lengthwise, 3 crosswise) |
| | Bales quality | m | Ok/Nok | 6.5 | Bales to be wrapped in a water-tight micro perforated plastic film and covered with a polypropylene or jute woven bag. |
| | Content | m | Ok/Nok | 6.5 | Quantity per bale: 20 pieces. |
| | Material | С | Ok/Nok | 0 | Woven, dry raised both sides, 100% virgin polyester and/or acrylic fibres or polyester/cotton (Content ISO 1833 on dry weight) |
| | Colours | м | Ok/Nok | 4.0 | Other than black, red, or white, dark uniform colour (Grey, brown or other dark colours). Colour should be well fixed and not run with washing. |
| | Length | m | Measurement | 6.5 | Minimum: 198cm; Maximum:206cm. To be taken on flat stabilised sample, without folds. |
| | Width | m | Measurement | 6.5 | Minimum: 148.5cm; Maximum:154.5cm. To be taken on flat stabilised sample, without folds. |
| | Weight | m | Measurement | 6.5 | Minimum:350g/m2; maximum:670g/m2. Weight determined by total weight/total surface. |
| | Thickness | М | Measurement | 4.0 | 3mm minimum. ISO 5084 (1KPa on 2000mm²) |
| | Tensile strength | М | Measurement | 4.0 | 250N warp and weft minimum. ISO13934-1 |
| Blankets synthetic | Tensile strength loss after washing | м | Measurement | 4.0 | Maximum 5% warp and weft after 3 consecutive machine washing at 30°C and one flat drying. ISO13934-1 and ISO 6330 |
| medium thermal resistance | Shrinkage maxi. | М | Measurement | 4.0 | Maximum 5% warp and weft after 3 consecutive machine washing at 30°C and one flat drying. ISO 6330 |
| | Weight loss after washing | М | Measurement | 4.0 | Maximum 5% after 3 consecutive machine washing at 30°C and one flat drying. |
| | Thermal resistance | М | Measurement | 4.0 | 0.25m².K/W minimum, passed on samples picked from compressed bales after 3 consecutive machine washing at 30°C and one flat drying. ISO 5085-1 |
| | Resistance to air flow | М | Measurement | 4.0 | Maximum 1000 L/m²/s. ISO9237 under 100Pa pressure drop |
| | Finishing | m | Measurement | 6.5 | Whipped seam at 10mm from the edge with 10 to 13 stitches/10cm or stitched ribbon or hemmed on 4 sides. The edges finishing should be straight. |
| | Organoleptic test | м | Ok/Nok | 4.0 | No bad smell, not irritating to the skin, no dust. 4 <ph<9. (volatile="" components).<="" free="" from="" harmful="" organic="" td="" voc=""></ph<9.> |
| | Fire resistance | С | Ok/Nok | 0 | Resistance to cigarette - No ignition. ISO12952-1&2 Resistance to flame - No ignition. ISO12952-3&4 |
| | Homogeneous quality | М | Ok/Nok | 4.0 | The blankets should be homogeneous and not presenting fibbers missing. |

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| ICRC | AQL Blankets synthetic high thermal resistance Specifications and Quality Control | | | PU-I-011-AQL Blankets-en-rev1.1 | |
|--|--|--------------------------------|-------------|---------------------------------|---|
| | | | | | Nonconformities classification: Critical: C; Major: M; Minor: m |
| Items | Characteristics | Nonconformities classification | QC type | AQL | QC Inspection at ICRC warehouses and lab testing |
| | Marking on the bales | m | Ok/Nok | 6.5 | Marking expected: ICRC + BLANKET, SYNTHETIC, 1.5x2m, high thermal resistance - 20 pieces. + PO number. No logo of the supplier allowed. |
| | Bales length | m | Measurement | 6.5 | Minimum: 72cm ; Maximum:88cm. |
| | Bales width | m | Measurement | 6.5 | Minimum: 40cm ; Maxi:60cm. |
| Bales | Bales height | m | Measurement | 6.5 | Minimum: 40cm ; Maxi:60cm. Height of the bales to be compressed by maximum 40% from free state to final compressed and strapped state. |
| | Bales strapping | m | Measurement | 6.5 | Compressed and strapped with 5 straps (2 lengthwise, 3 crosswise) |
| | Bales quality | m | Ok/Nok | 6.5 | Bales to be wrapped in a water-tight micro perforated plastic film and covered with a polypropylene or jute woven bag. |
| | Content | m | Ok/Nok | 6.5 | Quantity per bale: 20 pieces. |
| | Material | С | Ok/Nok | 0 | Woven, dry raised both sides, 100% virgin polyester and/or acrylic fibres or polyester/cotton (Content ISO 1833 on dry weight) |
| | Colours | м | Ok/Nok | 4.0 | Other than black, red, or white, dark uniform colour (Grey, brown or other dark colours). Colour should be well fixed and not run with washing. |
| | Length | m | Measurement | 6.5 | Minimum: 198cm; Maximum:206cm. To be taken on flat stabilised sample, without folds. |
| | Width | m | Measurement | 6.5 | Minimum: 148.5cm; Maximum:154.5cm. To be taken on flat stabilised sample, without folds. |
| | Weight | m | Measurement | 6.5 | Minimum:500g/m2; maximum:850g/m2. Weight determined by total weight/total surface. |
| | Thickness | М | Measurement | 4.0 | 5mm minimum. ISO 5084 (1KPa on 2000mm²) |
| | Tensile strength | м | Measurement | 4.0 | 250N warp and weft minimum. ISO13934-1 |
| | Tensile strength loss after washing | м | Measurement | 4.0 | Maximum 5% warp and weft after 3 consecutive machine washing at 30°C and one flat drying. ISO13934-1 and ISO 6330 |
| Blankets synthetic high thermal resistance | Shrinkage maxi. | м | Measurement | 4.0 | Maximum 5% warp and weft after 3 consecutive machine washing at 30°C and one flat drying. ISO 6330 |
| | Weight loss after washing | м | Measurement | 4.0 | Maximum 5% after 3 consecutive machine washing at 30°C and one flat drying. |
| | Thermal resistance | M | Measurement | 4.0 | 0.40m².K/W minimum, passed on samples picked from compressed bales after 3 consecutive machine washing at 30°C and one flat drying. ISO 5085-1 |
| | Resistance to air flow | м | Measurement | 4.0 | Maximum 1000 L/m²/s. ISO9237 under 100Pa pressure drop |
| | Finishing | m | Measurement | 6.5 | Whipped seam at 10mm from the edge with 10 to 13 stitches/10cm or stitched ribbon or hemmed on 4 sides. The edges finishing should be straight. |
| | Organoleptic test | м | Ok/Nok | 4.0 | No bad smell, not irritating to the skin, no dust. 4 <ph<9. (volatile="" components).<="" free="" from="" harmful="" organic="" td="" voc=""></ph<9.> |
| | Fire resistance | С | Ok/Nok | 0 | Resistance to cigarette - No ignition. ISO12952-1&2 Resistance to flame - No ignition. ISO12952-3&4 |
| | Homogeneous quality | м | Ok/Nok | 4.0 | The blankets should be homogeneous and not presenting fibbers missing. |

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