Bucket, plastic, 14L, Heavy duty plastic

Overview

Specifications

Item code	4700000060
Unit weight	min 780g
Packed volume	TBC

Key Points

- AQL is considered a "live" document. IOM Staff Users of this AQL document must check SharePoint that they have the latest version.

Description

	Bucket - Heavy duty plastic - 14L
Description	Heavy-duty plastic bucket, with handle and lid with attached clip-on cap.
Manufacturing process	Injection moulding.
Material	Virgin food grade HDPE high density polyethylene, and virgin LDPE low density polyethylene OR: Virgin food grade Polypropylene Copolymer (PPCP). Should not contain toxic elements according to EN 1186-3-9 standard.
Dimension +/-5%	Height: 300mm - Top diameter: 300mm - Bottom diameter: 240mm. Cover with outlet of 50mm+/- 10% and clip cap.
Capacity	Minimum 14L
Minimum weight	Bucket 600g, cover 150g, handle 30g Minimum weight for PP: bucket 550g, cover 140g, handle 30g
Design	Reinforced bottom ridge to prevent scraping of the base. Reinforced top to prevent ovalling. Curved inside base to wall join for easy cleaning. No holes, no tear, no sharp edge, smooth and clean surface finish.
Colour	Bucket: white. Cover and handle: Preferably red.
Markings	Manufacturer identification plus manufacturing month and year molded on the bucket.
Lid test	The bucket filled with 14L water must resist one fall on the side without opening.
Drop test	The bucket filled with 14L water, must resist without damage to 2 consecutive vertical drops from 2m high from bucket bottom to smooth flat concrete floor. The bucket must be elevated on a remote-activated rocking platform, so that the lowest point is at 2m from the ground.
Flexibility test	The bucket must get back its original shape without damage after applying a pressure on the two sides of top rim to make them touch one another in the middle.
Handle test	The handle must resists folding flat on the cover, pushed on left end, and pushed on right end. The handle must also resist to 28kg traction in normal usage position.

	Bucket - Heavy duty plastic - 14L
Packing	In strong carton boxes of 20 buckets and covers, with clipped-on handles. Boxes of export quality with minimum 5 ply and reinforced corners. Filled boxes must resist without any damage to a weight or a pressure of 230 kg applied on a strong rigid board on top of the box (equivalent weight to 6m high stacking). The board size to be at least 100 mm larger than the box in width and length (e.g. plywood 20mm thickness). The packing must guaranty that the buckets will not be pressed one in other to avoid blocking the buckets together
Marking on the boxes	Product name and quantity, plus any other requirements as per contract.
Printing of IOM Logo	IOM logo should be printed on the bucket, placing it on two sides of the bucket. Logo placement guide can be referred. The color of the logo can be CMYK. C= 100%, M=82%, Y=10%, K=2%. The size of the logo on the center of the bucket should be 15 cm wide and 16.20 cm high.
Packaging Information	Each carton has 20 pieces; 1 x bale of 20 pieces. Approximate dimensions: 110 x 31 x 33 cm. However packaging methods may be accepted in order to maximise load ability in pallets and containers. In strong carton boxes of 20 buckets and covers, with clipped-on handles. Boxes of export quality with minimum 5 ply and reinforced corners. Filled boxes must resist without any damage to a weight or a pressure of 230kg applied on a strong rigid board on top of the box (equivalent weight to 6m high stacking). The board size to be at least 100mm larger than the box in width and length (e.g. plywood 20mm thickness). The packing must guaranty that the buckets will not be pressed one in other to avoid blocking the buckets together. *Marking on the package must include the following details:* 1. Indicate IOM's horizontal Logo 2. Item name and material code, IOM Plastic Buckets - 4700000060 3. PO number and Quantity 4. Batch number and Manufacturing date 5. Packing units: To be marked with consecutive numbers (i.e 1/20, 2/20...) 6. Indicate Gross Weight and Dimension Do NOT include logo of the vendor. Marking must remain readable and well fixed on the box after minimum 10 handlings.
Packaging Details	The items to be packed in Wooden EURO pallet (EUR 1) and treated as per ISPM 15 standard. Items must be shrink-wrapped, securely strapped and sealed. The packaged goods must not exceed the length and width of the pallet and clearly marked with IOM standard markings (packing details above) in both front and back.

All IOM Non-Food Items (NFIs) have been designed, manufactured, and packaged for distribution ensuring minimal impacts on the environment. Through rigorous Quality Assurance processes along with risk and life cycle assessments, the NFIs are evaluated holistically throughout its entire life cycle on its impact on the environment and for improved durability to enable reaching beyond its intended service life. Hence, reducing the need for frequent replacements. IOM NFIs can be recycled and further re-purposed or upcycled to suit multiple uses such as converting to different usage like handbags, car covers, recycled wastewater collection etc. All unnecessary sub-packaging made of single-use plastics are avoided. When sub-packaging is exceedingly necessary, IOM prefers 100% compostable bio-plastic packaging made from biomass or unbleached, natural-coloured-recycled paper or using paper with FSC forest management certification.

Key Considerations

Acceptable Quality Limit (AQL)

International Organization for Migration (IOM) The UN Migration Agency	**AQL Definitions, penalties, Corrective Action Plan and Quality Control rules.**	IOMQC-AQLS00V8 Ver8.0 04.02.2022

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

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:

Corrective action plan must be implemented by the vendor on its processes, addressing root causes of occurrence (production) and of non-detection of the nonconformity (QC).

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 per each critical non-conformity to be charged to the supplier. Determination of lot acceptability is to be decided by IOM.

Major: (AQL 4.0)

Nonconforming characteristic (number of nonconforming items ≥ Rejection number. ISO-2859-1) implies 0.5% penalty of the value of the total PO per each major non-conformity to be charged to the supplier. Determination of lot acceptability is to be decided by IOM.

Minor: (AQL 6.5)

Nonconforming characteristic (number of nonconforming items ≥ Rejection number. ISO-2859-1) implies implies 0.25% penalty of the value of the total PO per each minor non-conformity to be charged to the supplier. Determination of lot acceptability is to be decided by IOM.

Quality Control and Acceptance Quality Level

- The AQLs herein are after IFRC/ICRC with additional parameters on IOM markings and required packaging.

- 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 IOM QC laboratory or to use an inspection company for analysis, or both. Transport to laboratory and analysis cost for lab testing are at expense of IOM.
- The vendor can contest the results of the Quality Control done at IOM warehouses by requesting a lab testing. In this case transport to laboratory and analysis cost for lab testing are at expense 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.

References and Tools

- Bucket, Plastic, 14L, Heavy Duty Plastic AQL

Other Entries in this Topic

- Emergency Relief Items Catalogue

Contacts

For further information, contact sheltersupport@iom.int.

Document last updated: Mar 2023