

## Jerrycan, Type 2, 10L, plastic foldable

### Overview

#### Specifications

Item code	4700000053
Unit weight	140g +/- 5%
Material group	NFI-JCAN

- Square or rectangular shape collapsible jerrycan for household water collection and storage.
- For emergency situations only.
- To be stored in a dry area and shielded from sun.
- Shelf life: 10 years when kept in original packaging between -10°C and 50°C.



### Key Points

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

## Description

### Jerrycan - Plastic - Foldable - 10L

<b>Capacity</b>	10L
<b>Weight</b>	180g for the 10L type, 270g for the 20L type
<b>Material</b>	Manufactured of food grade LDPE should not contain toxic elements according to EN 1186 & EN 13130 and shall comply with Regulation (EU) 10/2011 and its amendments. Must stand by itself, even when filled to 1/4 of its maximum volume.
<b>Average thickness</b>	0.6mm and minimum corner thickness 0.5mm
<b>Fitted with</b>	<p>One built-in carrying handle for the 10L type, and one or two built-in carrying handles for the 20L type, with minimum internal handle dimensions of 9 cm long and 3 cm high, with no sharp edges.</p> <p>The handles must resist the traction test when filled up to the top with water for 10min. Handles should not break or crack.</p> <p>A screwable cap with integrated tap for filling and discharge that is linked to the container by a 1mmx120mm polyamide string. String tensile strength of 20N minimum.</p> <p>Strictly no leakage should be found when filled up to the top with water and after being for 10 minutes in upside down position.</p>
<b>Inner diameter of the cap</b>	Minimum 30mm for both 10L and 20L types.
<b>Impact Resistance / Drop Test</b>	The collapsible jerrycan must be impact resistant on a hard smooth concrete surface when filled with maximum volume of water (10L or 15L or 20L) at ambient temperature. The complete drop test consists of 10 consecutive drops from 2m high. The jerrycan must be elevated on a remote-activated rocking platform, so that the lowest point is at 2m from the ground. Test result is expressed as a product ranking according to the number of drops passed without damages or leakage. To be accepted, the jerrycan must resist to minimum 3 drops.
<b>Printing of IOM Logo</b>	IOM Logo should be printed or embossed on both sides of the jerry can. If printed, the logo should be printed by using CMYK, C = 100%, M = 82%, Y = 10%, K = 2% The size of the logo on the center of the bag should be 11 cm wide and 11.88cm cm high (or without any distortion to the logo).
<b>Packing Information</b>	<p>Each Carton has 30 pieces. Weight (kg): 38kg 16 boxes stacked and strapped to a Euro pallet 800 x 1200 x 1750 mm - weight 630kg.</p> <p>Marking on the package must include the following details:</p> <ol style="list-style-type: none"> <li>1. Indicate IOM Logo</li> <li>2. Item name and material code, IOM Jerry Can Type 2 - 4700000053</li> <li>3. PO number and Quantity</li> <li>4. Batch number and Manufacturing date</li> <li>5. Packing units: To be marked with consecutive numbers (i.e 1/20, 2/20...)</li> <li>6. Indicate Gross Weight and Dimension</li> </ol> <p>Do NOT include logo of the vendor. Marking must remain readable and well fixed on the box after minimum 10 handlings.</p>

**Jerrycan - Plastic - Foldable - 10L****Packaging Detail**

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)

 <p>International Organization for Migration (IOM) The UN Migration Agency</p>	<b>AQL</b> <b>Definitions, penalties, Corrective Action</b> <b>Plan and Quality Control rules.</b>	IOMQC-AQLS00V8 Ver8.0 04.02.2022
<b>Nonconformities classification: Critical: C; Major: M; Minor: m</b>		
<b>Definitions:</b>		
<b>Critical nonconformity</b> : 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.		
<b>Major nonconformity</b> : 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.		
<b>Minor nonconformity</b> : 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.		
<b>Non-Conformities classification and related penalties:</b>		
<u><b>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).</b></u>		
<b>Critical: (AQL 0)</b>		
Nonconforming characteristic (number of nonconforming items $\geq$ 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.		
<b>Major: (AQL 4.0)</b>		
Nonconforming characteristic (number of nonconforming items $\geq$ 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.		
<b>Minor: (AQL 6.5)</b>		
Nonconforming characteristic (number of nonconforming items $\geq$ 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.		
<b>Quality Control and Acceptance Quality Level</b>		
<u>- The AQLs herein are after IFRC/ICRC with additional parameters on IOM markings and required packaging.</u>		
- 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 <u>both</u> . 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.		
- <b>Nonconformity</b> : non-fulfilment of a specified characteristic requirement.		
- <b>Nonconforming item</b> : item with one or more nonconformities.		
- <b>Lot</b> : definite amount of some product, material or service, collected together.		
- <b>Sample</b> : set of one or more items taken from a lot and intended to provide information on the lot.		

## References and Tools

- [Jerrycan, Type 1, 10L, Plastic Flat Bag AQL](#)

## Other Entries in this Topic

- [Emergency Relief Items Catalogue](#)

## Contacts

For further information, contact [sheltersupport@iom.int](mailto:sheltersupport@iom.int).

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