

## Mosquito net, 1.90x1.50x1.80m, LLIN, PE

### Visión general

#### Specifications

Item code	3500000025
Unit weight	800g

Following WHO recommendation, only Long Lasting Insecticidal Nets (LLIN's), which require no further treatment during their expected life span (of average 3 to 5 years according the use, type and fabric origin), should be purchased. LLIN's allow for better and effective protection against mosquitoes and other insects and have to be considered as part of an overall strategy related to malaria control, as impregnated nets decrease morbidity from between 50%-70%. There are different types of netting material (polyester, polyethylene, and polypropylene). The most commonly used for LLIN, and for which WHO recommendations have been developed, are polyester (PES) and polyethylene (PE).

In the WHO position statement document for [Insecticide Treated Mosquito Nets](#), the WHO recommends a move away from polyester made nets.

All shipping volumes indicated are approximate, as they depend on number of nets per bales. WHO Pesticide Evaluation Scheme approved LLIN on: [www.who.int/whopes/en](http://www.who.int/whopes/en).

*It is important to keep in mind that "LLIN" does not mean "WHO approved". Many wholesalers propose LLIN's which are not WHO approved, and should not be supplied.*

### Descripción

Pre-treated long lasting impregnated mosquito net (LLIN), must be WHO/WHOPES approved (full or interim). More information at [www.who.int/whopes/en](http://www.who.int/whopes/en).

#### Mosquito Net - LLIN, PE, 190x150x180cm

<b>Fabric weight</b>	30 gram per square meter +10%
<b>Enhanced durability</b>	21 + washes
<b>Flammability test</b>	Class 1 (16-CFR 1610CS191-53)
<b>Size</b>	190cm width x150cm height x180cm length
<b>Denier</b>	Polyester: 100 Polyethylene: 150
<b>Suspension points</b>	6 point loops made
<b>Colour</b>	White
<b>Materials</b>	Manufactured from 100% high density polyethylene OR polyester.
<b>Mesh size</b>	Minimum 130 holes per inch <sup>2</sup>

**Mosquito Net - LLIN, PE, 190x150x180cm****Packing**


Bale strapped with 1 straps for the length and 3 for the cross. The strapping must not damage the mosquito nets neither their individual packaging. Mosquito nets covered with a polypropylene woven bag (no holes or tears). The packing must guaranty that the mosquito nets are arranged in line side by side.  
50 mosquito nets per bale.

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, NFIs are evaluated holistically throughout their entire life cycle on their impact on the environment and for improved durability to enable reaching beyond their 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.

## Consideraciones clave

Acceptable Quality Limits (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>		
<p><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.</p>		
<p><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.</p>		
<p><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.</p>		
<b>Non-Conformities classification and related penalties:</b>		
<p><b><u>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).</u></b></p>		
<b>Critical: (AQL 0)</b>		
<p>Nonconforming characteristic (number of nonconforming items <math>\geq</math> 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.</p>		
<b>Major: (AQL 4.0)</b>		
<p>Nonconforming characteristic (number of nonconforming items <math>\geq</math> 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.</p>		
<b>Minor: (AQL 6.5)</b>		
<p>Nonconforming characteristic (number of nonconforming items <math>\geq</math> 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.</p>		
<b>Quality Control and Acceptance Quality Level</b>		
<p><b>- The AQLs herein are after IFRC/ICRC with additional parameters on IOM markings and required packaging.</b></p>		
<p>- 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.</p>		
<p>- 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.</p>		
<p>- 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.</p>		
<p>- <b>Nonconformity</b>: non-fulfilment of a specified characteristic requirement.</p>		
<p>- <b>Nonconforming item</b>: item with one or more nonconformities.</p>		
<p>- <b>Lot</b>: definite amount of some product, material or service, collected together.</p>		
<p>- <b>Sample</b>: set of one or more items taken from a lot and intended to provide information on the lot.</p>		

## Referencias y Herramientas

- [Mosquito Net, 1.90x1.50x1.80m, LLIN, PE AQL](#)

## Otras entradas en este tema

- [Emergency Relief Items Catalogue](#)

## Contactos

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

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