

## Description

This mosquito net (PermaNet 2.0) is a long-lasting insecticidal net treated with deltamethrin. It has a long-lasting killing effect on malaria mosquitoes, as well as other disease-transmitting susceptible vectors. It is made of 100% polyester, which is the preferred material by end-users. It requires no re-treatment or dipping, thereby decreasing the need for repeat intervention. It is based on advanced coating technology, which controls the bioavailability of the active ingredient through a slow-release process. Moreover, it does not allow mosquitoes to penetrate the net due to the optimal mesh size. It is available in various colors, shapes and sizes to accommodate local preferences. It is safe to use for all, including pregnant women and young children. PermaNet2.0 was submitted for the WHO Pesticide Evaluation Scheme (WHOPES) in 2003 and was given a full recommendation for malaria prevention and control in 2008. PermaNet2.0 satisfies the WHO specification 333/LN. It is the most tested mosquito net brand and has been deployed in more than 200 countries.



Item Description	Specifications
Material	- Polyester (PES) 100% - (ISO 1833)
Fabrication	- Wrap knitted - (ISO 8388)
Denier	- 75
Filament	- Multi-filament 36 or higher
Mesh size	- Minimum 25 holes/cm <sup>2</sup>
Weight	- 30 gr./m <sup>2</sup> depends on denier - (ISO 3801)
Shrinkage	- 5% maximum - (ISO 6330-8A)
Bursting strength	- 250 kPa minimum - (ISO 13938)
Fire safety	- 16 - (CFR 1610)
Treatment	- Long-lasting insecticide (3-5 years) WHOPEs recommended - Concentration of insecticide WHOPEs recommended - Target level of concentration WHOPEs recommended
Size and Shape	- 160x180x150 cm
Hanging	- 6 loops at the upper corners and in the middle
Packing	- Packed in plastic bags, with netting material protected with a plastic foil. - Each bale shall contain minimum 100 mosquito nets. - Bales shall be placed on a certified euro pallet. (EPAL) - The pallet content shall be wrapped and strapped crossways.
Marking	- The full content of the bales will be clearly drawn (on a waterproof sheet A4 size) including a picture of the mosquito net and listed (minimum English, French and Spanish) outside the bales including the unit volume and weight.

### Packaging data

First level of packaging	Second level of packaging	Third level of packaging
<p>Length: 0.41m Width: 0.32m Height: 0.12m Volume: 0.015m3 Gross Weight: 0,43 kg Net Weight: 0,43 kg</p>	<p>Length: 0.38m Width: 0.80m Height: 0.53m Volume: 0.162 m3 Gross Weight: 43,6 kg Net weight: 43 kg</p>	<p>Length: 1.20m Width: 0.80m Height: 1.50m Volume: 1.44 m3 Gross Weight: 392.40 kg Net weight: 407.40 kg</p>
<p><b>Unit of measure: Mosquito net (each)</b></p>	<p><b>Unit of measure: Bale (100 mosquito nets each)</b></p>	<p><b>Unit of measure: Pallet (9 bales each)</b></p>

