



PermaNet® 2.0 – The most deployed LLIN in the world

permanet.com
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PermaNet® 
2.0 | by VESTERGAARD

About PermaNet® 2.0

PermaNet® 2.0 was given a recommendation for malaria prevention and control from the World Health Organization in 2003 and was the first long lasting insecticidal net (LLIN) deployed at scale. More than 750 million PermaNet® bednets have been produced since 2002, protecting over an estimated 1.5 billion people.

PermaNet® 2.0 is the most tested LLIN and has been used in more than 200 countries on six continents by United Nations organizations, governments, nongovernment organizations, faith-based organizations, corporations and individuals.



Ready-to-use bednet pre-treated with the insecticide, deltamethrin, requires no re-treatment or dipping



100% polyester, soft and preferred material by bednet-users for optimal use, does not allow mosquitoes to penetrate the net due to the optimal mesh size



Advanced coating technology, controlling the bioavailability of active ingredient through a slow-release process, produced in a large-scale, professional production facilities under strict quality measures



Long-lasting killing effect on malaria mosquitoes, for the control and prevention of malaria as well as other disease transmitting susceptible vectors



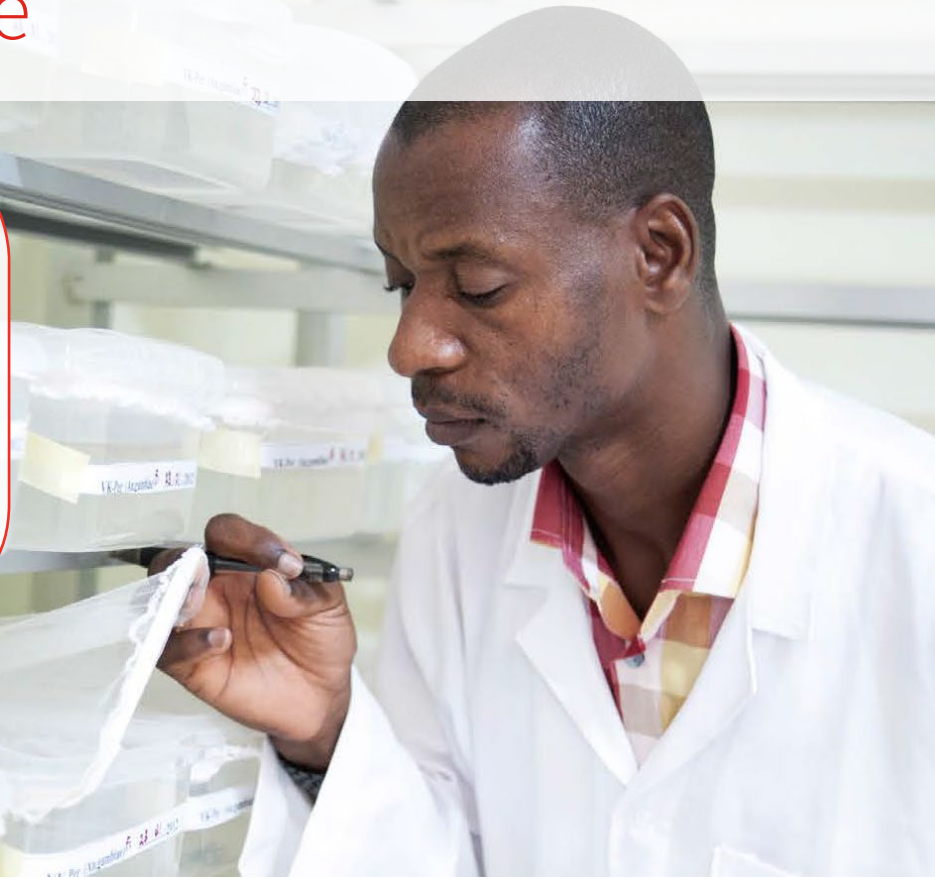
Suitable to use for all, including pregnant women and young children



Most widely tested bednet in both the laboratory and field

Quality & Service

PermaNet® has the largest installed production capacity, which has been scaled-up and enhanced over the last 10 years for consistent quality. We are a preferred supplier for humanitarian aid agencies because of product quality, speed of response and the ability to handle logistics in a challenging environment.



Vestergaard promotes a culture of quality throughout the product lifecycle and its supply chain with the implementation of quality tools, plans and systems in its manufacturing factories – to ensure we are completely aligned with the goal of fulfilling the customers' requirement.



Vestergaard and its manufacturing factories work towards a high quality PermaNet® 2.0 product and focus on continuous improvement, preventive actions and conformance to certified systems whilst adhering to relevant international standards. Manufacturing factories and key raw material suppliers are ISO 9001 certified as a minimum requirement.



Key laboratories engaged in insecticide analysis and textile testing for quality control are ISO IEC 17025 accredited. Shipments undergo an acceptance inspection and quality-assurance testing procedure in accordance with ISO 2859/ ISO 3951, before they are submitted to the customer.



The Certificate Of Conformity reports the compliance of Vestergaard's products on a shipment basis, with supporting facts and data provided in the Certificate of Analysis and the Inspection Report.



The PermaNet® service package provides a laboratory testing service free of charge to customers and covers an evaluation of insecticide content, bioefficacy and assessment of fabric integrity. PermaNet® should be sent as a complete net with the original label showing a legible production code. The results of the analysis will be available within four weeks from the date of submission to the nearest Vestergaard office or laboratory.

PermaNet® 2.0 is designed to last at least 20 WHO standard washes and 3 years of field use; however, the lifetime largely depends on usage and local field conditions. Vestergaard does not stand liable for differences in the lifetime of PermaNet® 2.0 with regard to field use, the differences arising primarily due to potentially harsh washing conditions, exposure to UV rays, soiling, etc., under field conditions.

Product Specifications

Material	100% polyester	
WHO Specification	333/LN (http://www.who.int/whopes/quality/Deltamethrin_coated_LN_specs_eval_WHO_July_2017.pdf?ua=1)Yarn	
Yarn	100 denier	150 denier
Deltamethrin content	1.4g/kg $\pm$ 25%	1.8g/kg $\pm$ 25%
Mesh	Not less than 24 holes/cm ²	Not less than 12.4 holes/cm ²
Bursting strength	Not <380kPa	Not < 350kPa
Dimensional stability	Not more than 5% shrinkage/ expansion in both dimensions	
Available shapes, sizes, colours	Standard specifications: 160 (width) x 180 (length) x 150 (height) cm, 190 (width) x 180 (length) x 150 (height) cm in white color. Other sizes and colors available upon request.	

Customer Support

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