

Netlon

Huhtamaki Netlon for the other type of product protection in your life

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Introduction...

For nearly half a century, Netlon Industrial Products have been providing innovative solutions to unique problems faced by a vast range of industries, through adaptation and ongoing development of a unique range of thermoplastic meshes and nets.

Industries as varied as fish farming, wine making, bra moulding, power generation, automotive and sanitary ware have all benefited from this innovative technology. In fact, any industry that requires product protection, reinforcement, support, separation or even just decoration will find the answer in Netlon and if it is not currently available, then a team of engineers and designers will develop the right solution.

This “solution-provider” or market driven approach has in fact provided most of the product range.

The Netlon range is inherently versatile...

- Flat or tubular
- Straight or curved
- Flexible
- Incredibly strong
- Relatively inert and resistant to chemicals
- Lightweight
- UV stable
- Cost effective

Our recycling effort...

To aid the recycling effort, we have placed symbols on our products to identify the material used in each product.



Polypropylene is a strong, light plastic and has a high melting point. It has gradually become more acceptable by recyclers and can be recycled into pallets, trays or bins



High-Density Polyethylene (HDPE) is known for its large strength-to-density ratio. It is hard and opaque and can with higher temperatures (120°C)

Our sustainability approach...

- We're always seeking ways to improve the energy efficiency in our production processes, which benefits our customer and the environment
- We explore new ways to expand our responsible sourcing practices
- We strive to develop optimal packaging for our customers without compromising the functionality and safety of our packaging
- We partner with suppliers that are committed to our values in order to provide you with the best packaging system possible

Filtration

Netlon mesh offers a tough, lightweight, corrosion resistant and very flexible alternative to metal in the manufacture of filters for a wide variety of applications. The range includes filter meshes, filter sleeves and rigid tubes (for the cores of wound or pleated elements) in a wide variety of configurations. Unlike metal components Netlon's plastic elements can be easily disposed of via incineration.



Protection

Netlon protective mesh sleeves are easy to apply and hug the shape of the product or component. They are ideal for shielding delicate objects through the manufacturing process, whilst in storage or being transported and because of the aesthetic nature of the mesh, can also be used in retail displays. Sleeves are available in a standard range of colour coded sizes, but can be manufactured to meet specific requirements.



Reinforcement

Strength and formability makes Netlon mesh the ideal reinforcement medium for a wide range of consumer and industrial products. The open "weave" allows other materials to be integrated into the Netlon to form a composite product. Mesh is used as reinforcement in everything from bras to parcel shelves for cars.



Separation

Mesh and nets are used in industries as diverse as fish farming, food processing and power generation. Easy to install and requiring very little maintenance Netlon meshes are relatively inert and resistant to chemicals making them the ideal choice in many industrial, processing and chemical applications.



Support

The inherent strength of Netlon mesh means it is widely used in the construction industry. Products being transported either through air, sea or road also require maximum protection and the Netlon range is more than able to offer product protection.



Decoration

Netlon meshes and nets are supplied in a variety of attractive colours, textured finishes and aperture sizes. They are often used to help improve the aesthetic appeal of a product and "add value" - particularly in retail environments. The application of Netlon meshes is virtually limitless. They are, for example, used to create the "exfoliators" which hang in showers throughout the world and as safe and healthy bar mats found in pubs and clubs.



Attractive and convenient packaging for fresh produce

Netlon packaging nets allow you to portion and transport fresh produce easily

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FOODNETS

With the current emphasis on healthy eating, the fresh produce counter is becoming a focal point in more and more supermarkets. Therefore, choosing a packaging system that will ensure the most attractive presentation of prepacked produce has never been more important. Due to their unique benefits in the prepacking of fresh produce, Netlon packaging nets, available in a wide range of mesh sizes, stretch widths and colours are a convenient and cost effective method of packaging fresh fruit and vegetables.



Mini Mesh



- Fine, soft mesh protects delicate fruits and other delicate products
- Suitable for most semi and fully automated machinery

Recommended Maximum Weight **1 kg**

Case option 1 100m x 15 rolls

Case option 2 150m x 10 rolls

Produce Net

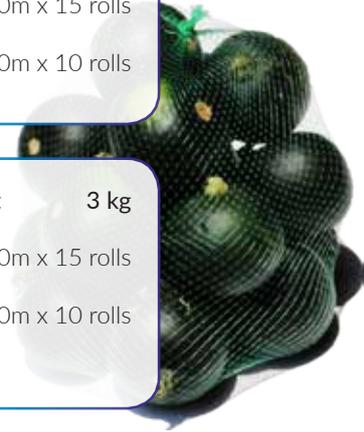


- Open net structure allows for full breathing and aeration of the product
- Ensures maximum shelf life
- Suitable for most semi and fully automated machinery

Recommended Maximum Weight **3 kg**

Case option 1 100m x 15 rolls

Case option 2 150m x 10 rolls



Super Rope



- Open net structure allows for full breathing and aeration of the product
- Ensures maximum shelf life
- Suitable for heavy duty packs up to 5kg

Recommended Maximum Weight **5 kg**

Case option 500m x 2 rolls



Onion Nets



- Ideally used for smaller strip packing of onions/ citrus & gem-squash. Aimed at Modern Town/Flat living.

Case option (size 13cm) 250m x 4 rolls

Case option (size 15cm) 250m x 4 rolls



Practical alternatives to your garden problems

Netlon garden net is the ideal way to protect and support your plants

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Agricultural & Domestic

Garden Net

Most plants need constant support and protection and Netlon nets and mesh offer a simple solution to many gardening problems.

- Versatile and long-lasting plastic mesh
- Won't rust or corrode
- Easy to handle
- Re-usable and tough
- Requires no painting
- Fungi resistant
- Easy to cut with a pair of garden scissors.

Netlon Garden net is an essential and convenient gardening tool.

Material: High density polyethylene

Size: 1 x 25 metre lengths

Colours: 



Bird Net

Economical and durable, protects crop loss from birds. Protect your crop against loss or damage from birds with our economical and durable bird netting. Bird Net is ideal for use in large fruit orchards and vegetable fields as well as on plants or trees in a domestic garden.

- Offers all the benefits of durable plastic
- Light-weight and easy to handle
- Re-usable
- Will not rot or rust
- Strong yet delicate enough to protect soft or delicate fruit
- Fungi resistant
- Easily draped over poles or trees
- Provides no toe-hold for birds to land on

Netlon Bird Net is a convenient and easy way of keeping birds from becoming pests in the garden.

Material: High-density polyethylene

Sizes: 5 x 5 metre

5 x 50 metre

2.5 x 10 metre

Only available in Black



Sustainable farming solutions

Our netlon agriculture and aquaculture solutions are economical and durable

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Oyster Nets

Netlon Oyster Nets are made of polymers which withstand prolonged immersion in both salt and fresh water

- Ideal for oyster and abalone baskets, cages and trays
- Available in tubular and slit form
- Withstands prolonged immersion in salt and fresh water
- Rust proof



Fruit Drying with Netlon

Netlon Fruit Drying Net is part of a range of Netlon products which have provided solutions to many Agricultural and Industrial problems.

The unique manufacturing process of this plastic net provides it with washable, rot proof, non-absorbent and ultra violet resistant qualities.

Furthermore, Netlon allows a free flow of air around the drying fruit, thus allowing rapid evaporation of moisture. Netlon is easily fitted into standard drying trays and is re-usable season after season.

- Available in 0.84 x 50m rolls for lining wooden drying trays.

In 1.3 x 25m rolls for rolling directly onto the ground

- Ideal for various fruit drying
- Light-weight and easy to handle
- Re-usable
- Will not rot or rust
- Fungi resistant

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Customer Service Toll Free
+27 (0)800 006 985
www.huhtamaki.com

Committed to protecting your assets

Our Netlon PalNet and Protective sleeving helps
you to move products safe between destinations

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Protective Sleeving

Netlon protective sleeving provides: effective, economical protection for components against surface damage during manufacture, handling, storage and transit. Can be used to protect a wide range of products, from heavy machined items to ceramics and glassware.

- Cushioning
- Flexible
- Chemically resistant to combat the effects of oil and grease
- Easy to handle and apply
- Effective and Economical
- Suitable for a wide range of applications

Also available as a stillage separator which protects vulnerable machined items from damage during storage and transport within metal stillages. The separate layers of components preventing damaging contact between machined faces and its open mesh structure allows rapid drainage of oil and swarf resulting in cleaner components.



Materials Heavy duty flexible polyethylene
Sizes 12.5; 25; 50; 75 and 100mm



PalNet

Netlon Pallet Net (PalNet) is ideal for protecting and securing pallets of fresh produce or other products for transport and unitisation to point of sale.

- Open mesh structure enables the load to be treated with liquid and gaseous coolants to accelerate freezing operations.
- Free circulation of air eliminates condensation and humidity build-up
- Excellent resistance to all chemicals, bacteria and fungi
- Conforms to unconventional shapes, but provides stability for double stacking
- Can be wrapped at high tension, without slipping or stretching
- Minimises deterioration and premature fruit/vegetable ripening

By restraining potentially harmful loads with PalNet:

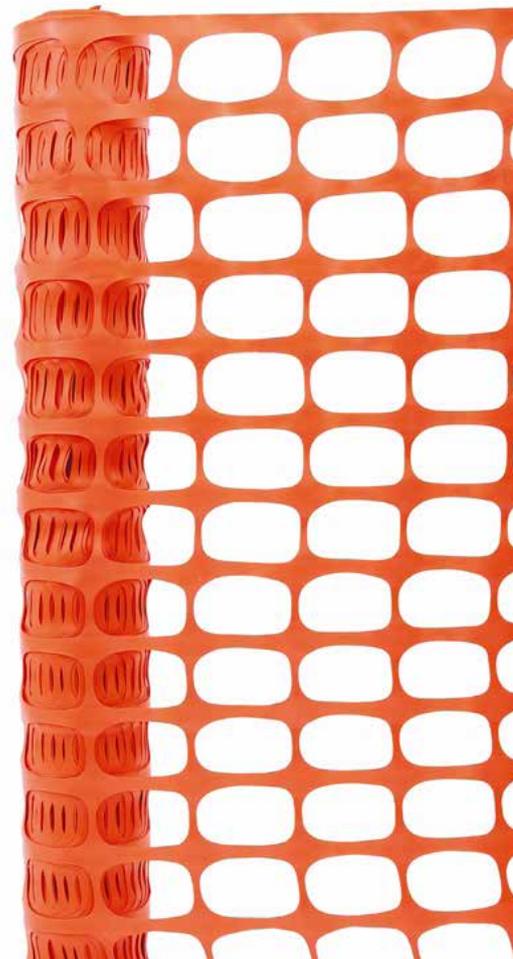
- Pallets can be safely stored, handled and transported, as gasses are allowed to dissipate rather than be allowed to build up to lethal concentrations
- If necessary, treatments such as fumigation can be applied as they can penetrate and circulate

Material: Polypropylene
Sizes: 450/500mm x 1000/2000 metre rolls
Colours: 

A practical and reliable safety barrier alternative

Our Netlon fencing mesh can be used as a
temporary or re-usable fencing

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Safety Barrier Fencing

A premium high strength, high quality, light or heavy weight plastic fencing mesh. Manufactured from high density polyethylene, it is ideal for temporary or re-usable fencing applications. The mesh can be easily erected and supported either by steel fencing pins for temporary use, or pinned to wooden fence posts for permanent use

- UV stabilised
- Re-usable/durable
- Available in orange
- Other colours manufactured to order

Availability:

- 0.8 metre to 1.0 metre width
- Rolls 50 metre length



Solving drainage problems in a practical way

Specifically designed geopipes, flownets or wick drains that aid infiltration and discharge

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Geopipes - Flownet - Wick-Drain

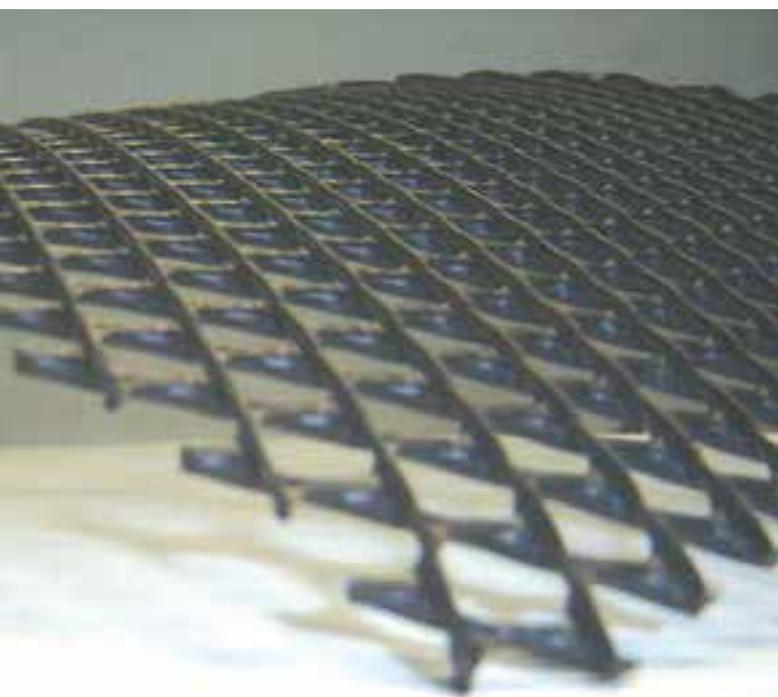
Not just an engineer's pipe dream. They have been specifically designed and manufactured to be a practical solution for all drainage problems. The 70% open area of the Geopipe allows for a significant increase in the infiltration rate of water into the pipe.

- Maximises infiltration and discharge
- Unbreakable even at low temperatures
- Light and highly flexible
- Chemically resistant
- Resistant to micro organisms
- Resistant to degradation
- Easy to Install
- Easy to Connect
- Cost Effective

Standard length: 6 meter

Size	Internal Diameter (mm)	Outside Diameter (mm)
M150	150	160
M100	100	110
M65	65	75

Sold by Kaytech GEOSYNTHETIC SOLUTIONS
Tel: 011 922 3300



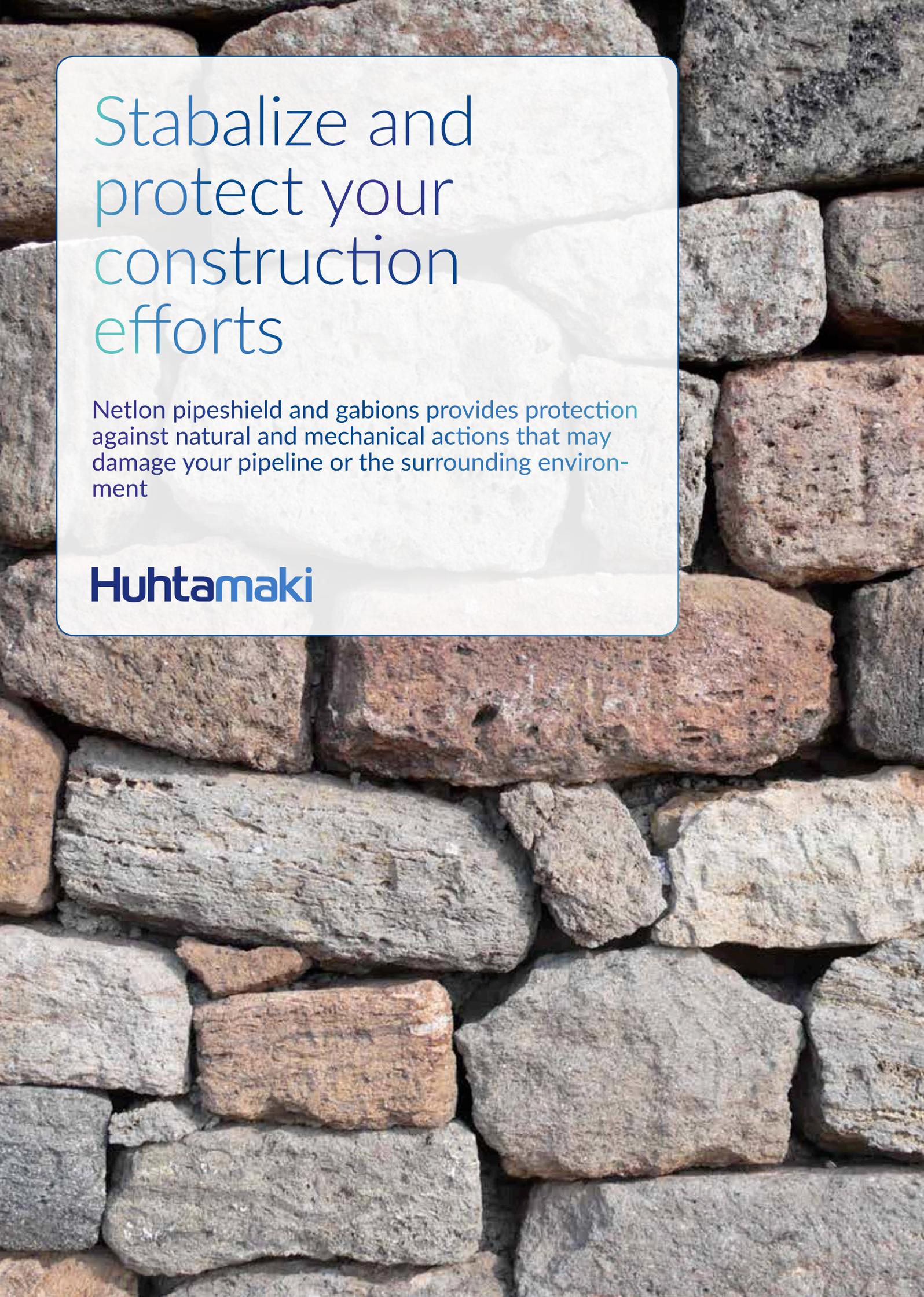
Flownets

Flownets are resistant to all aqueous solutions of salts and alkalis found in soil. Flownets are integrally extruded mesh structures made from high density polyethylene. They can be matched to engineering specifications as well as custom selection of boundary geotextiles or geomembranes to suit soil and other design conditions.

- They eliminate the need for drainage aggregates
- They allow the reuse of excavated material as backfill
- Installation is quick without the need for specialized supervision

Standard length: 30 metre rolls
Width: 0.825 - 3.00 metre width

Sold by Kaytech GEOSYNTHETIC SOLUTIONS
Tel: 011 922 3300



Stabalize and protect your construction efforts

Netlon pipeshield and gabions provides protection against natural and mechanical actions that may damage your pipeline or the surrounding environment

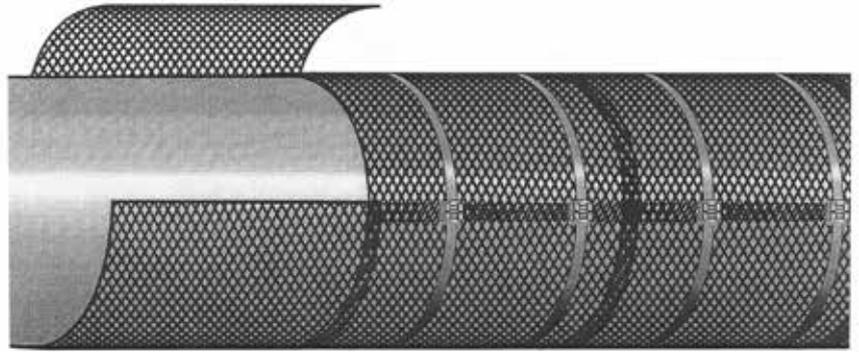
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Pipeshield

Provides full protection to the pipeline during backfill operations and further protection from abrasive objects after installation, restricting geologic movements from damaging the pipeline.

Availability:

- From 600 to 2 700mm width
- Various lengths



Sold by DENSO South Africa (Pty) Ltd

Tel: 031-5694319

Fax: 031-5694328

Gabions

Advantages:

Netlon gabions and mattresses with their simplicity of construction, inbuilt permeability and flexibility characteristics, offer a wide range of applications ranging from gravity earth retaining wall to river and coastal protection.

Being of high strength polymer and with its inherent chemical inertness, it is ideal for ground engineering applications.

Characteristics:

- Resistant to all naturally occurring soil acids and alkalis ranging from pH 2 to pH 9
- Complete corrosion resistance
- Flexibility to allow differential settlement
- Lightweight and easy to handle on site
- Supplied in collapsed form for speedy assembly on site
- UV Stabilised
- Available in rectangular, square and tubular forms

Materials	High density polyethylene (HDPE)
Mesh Size	60 x 60 mm
Filament Size	a) Edge Filament Elliptical 7 x 4 mm b) General Filament Elliptical 5 x 3 mm
Weight	550 g/m ²
Tensile Strength	4.82 kN/m
UV Resistance	Resistant to UV degradation for a life of over 15 years
Width	1 Meter
Roll Length	25 Meters



Sustainable cooling alternative

Our Netlon splash pipes in different formations
are perfect for cooling towers

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Splash Pipes / Blocks

Highly effective NON CORROSIVE filtration pipes manufactured in both loose and block formation used for cooling tower applications. Size and format available to specification.



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Customer Service Toll Free
+27 (0)800 006 985
www.huhtamaki.com