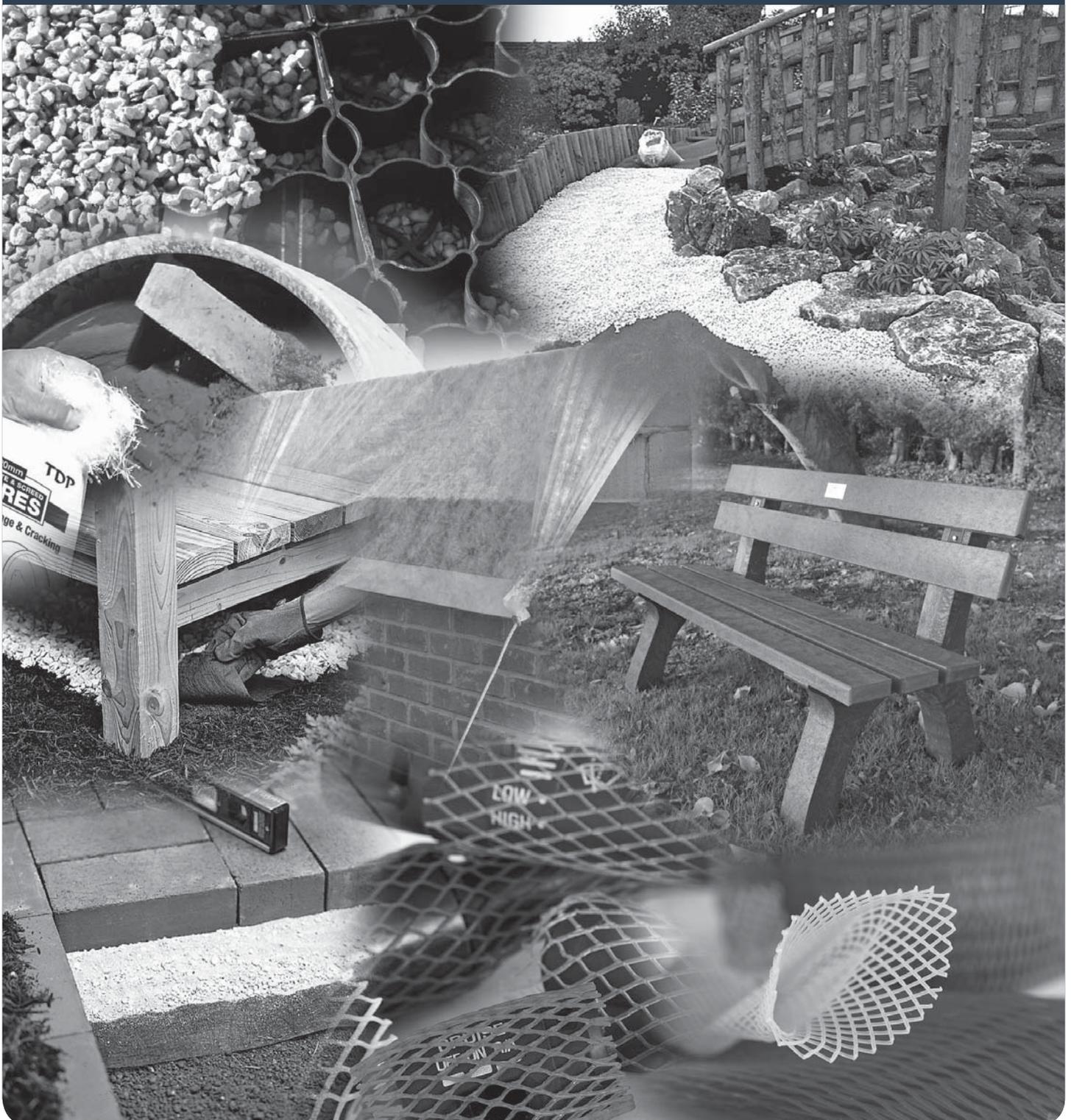


Fabric, fibre, grid
and **mesh products** for
construction, landscaping,
engineering, packaging,
and manufacturing





innovative



in stock



sustainable



delivered on time



designed to work

With over 20 years experience, TDP offers a fast, friendly and efficient service supplying high quality, brand leading products for landscaping, construction and industry.

We understand that specifiers, contractors and end users want products that are fit for purpose, reliable, available and delivered on time. Coupled with competitive prices and technical support, our mission is to provide all of these with a friendly and efficient service.

Achieving this with products that are also sustainable, and with our own commitment to environmental concerns and Corporate Social Responsibility (CSR) is one of the reasons we are considered to be the leader in supplying technical fabrics and fibres to the construction, industrial and landscape markets.

Alongside our own manufactured products we are the UK distributors for DuPont™ landscape products and the full Netlon range. Our converting facility allows us to provide

easy-to-handle rolls from weed control fabrics, through to geotextiles.

TDP's products are rigorously tested in laboratory and field conditions. Constant development of existing products and the introduction of new solutions, is another part of our continued success.

Building and construction applications

From below ground to roofline, TDP Products have been used successfully in many projects. Below the ground; geotextile, geogrids and root barriers control and stabilise. At ground level, Plantex® controls weeds and helps drainage, while for porous surfaces TDP PorousPave® and NetPave® offer the best solutions.

TDP fibres help to prevent cracking in concrete, plaster and render. Mortar Fleece™ protects building work from adverse weather, and Insulation Net is used at wall and roof level.

Industrial applications

Netlon was first introduced in the 1950's and is a household name in many industries. TDP is now proud to represent the brand in the UK. Their grids and meshes have many uses in a vast array of industries, manufactured to the same high standards that have kept Netlon at the forefront of technology for nearly six decades.

How to get the best from this brochure

A number of our products can be used across a project so we have tried to group them by application, as well as industry.

This brochure provides an overview of just some of the products on offer, for a complete listing and up-to-date news and information please visit our website www.tdpltd.com



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TDP and the environment

"We are lucky that our products have a low impact on the environment and many are used in environmentally friendly projects. The majority are fabric based and manufactured in very hi-tech factories by producers that take their responsibilities seriously.

Our own commitment to renewable sources of energy, hybrid vehicles, minimising waste, and local sourcing where possible, all play a part in our strategy."

Rob Barlow, Managing Director.

Sustainability

Defining this is one of the great debates at present. We believe that products that are made to last have a huge positive impact. If contractors do not have to keep returning to replace faulty goods, and the project itself stands the test of time, then less energy is used in the short and long term.

The vast majority of our products are used in projects from porous surface drainage and wind farms, to hydrogen fuel cells and tree protection, that provide environmentally friendly solutions. Our Netlon sleeving range used in packaging reduces the amount of traditional

packaging used in many industries from food and wine to recyclable snakerwrap for pallets.

Common sense should play a big part in product choice along with competitive pricing and the product being fit for use. At the same time knowing that we work hard at reducing transport and packaging waste, have products that are made from recyclable materials where possible, are recyclable themselves and, above all, of the highest quality; all help to keep us focused on current issues.



Sustainable Urban Drainage Systems (SUDS)



Drainage problems caused by the over use of hard, impermeable materials for roads, driveways and car parks have become a major problem, with an increase in flooding and environmental contamination by water run-off into rivers and groundwater.

Sustainable Urban Drainage Systems offer an alternative and long term method of managing surface water run-off.

Recent changes to the planning legislation relating to landscaping and paving mean that homeowners and builders need to apply for planning consent for any driveway or new landscaping project that incorporates an impermeable surface.

Guidance policies, such as PPS25, point the way to the use of porous systems like PorousPave®, and Netpave®.

Flexibility and conversion

Whether we are supplying 100,000m of recyclable snakerwrap for a project that has taken 18 months to develop, or five square metres of PorousPave for a front garden, we commit ourselves fully to each.

Fabrics

In house we have four converting machines for fabrics that allow us to produce rolls in various sizes that make transporting, storing and using them easy.



As well as the fixed sizes we produce, we are happy to provide specials for one-off or long term projects.

Netlon grids and meshes

Our standard rolls can be slit to smaller widths and also cut to size if required. Samples for project development are available.

In addition to all the Netlon products shown in this brochure we have access to many more and the manufacturing plant can produce specials.

You only need to ask and we will try our best to accommodate you.

Specification, delivery and service

To help you specify our products, technical data is available by phoning the office, or as downloads from our web site www.tdpltd.com. If the information is not what you want then please call us. If we can't help we will know someone who can!

If you specify one of our products you need to have the confidence that it is easy to obtain. The majority of our products are available from over 2000 builders merchants throughout the UK. We also hold stock at our central warehouse and can deliver via a merchant or direct to site.

We have a very good reputation amongst merchants as a very reliable supplier.

Some of our products have a nationally recognised certificate and all have easy to follow instructions on the packaging.

Full technical support is offered over the phone or in the field.



Certificate Number 4765
ISO9001

Porous surface solutions

With the increase in construction over the last few years, there has been an inevitable rise in surface water run-off, created from roofs and installations of non-porous surfaces, such as paved driveways or tarmac car parks, which has resulted in increased flooding.

To address part of this issue, with effect from 1st October 2007, new planning guidelines were implemented to encourage porous surface solutions, SUDS (sustainable urban drainage systems) to be installed over traditional nonporous surfaces.

To comply with these new regulations, TDP have two solutions within their portfolio, TDP PorousPave® and Netpave®.

Both these competitively priced products are easy to install.



TDP Netpave® 50

Netpave® 50 is a rigid grid for porous commercial surfaces, which can be filled with soil/grass or gravel. Made from 100% recycled material, Netpave® 50 is a durable porous paving solution for car parks, driveways and access routes.

The grid is simply connected by lugs and slots, and can be laid on undulating surfaces or gradients, without the worry of becoming separated or fractured, due to the unique spring-like elements within the design.

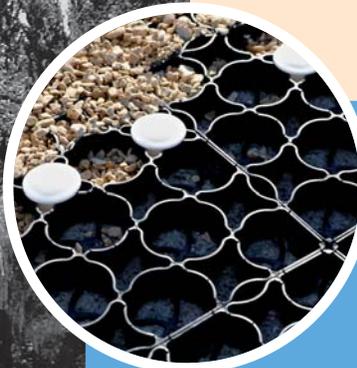
Features and benefits

- ✔ *Resists deformation and fracture*
- ✔ *Made from 100% recycled material*
- ✔ *Easy to install with no pegging*
- ✔ *Conforms to irregular surfaces and gradients*



TDP Netpave® 25

Netpave® 25 is also available, and can be laid directly onto existing grassed areas, without the need to excavate, delivering an instant green area for parking.



TDP PorousPave®

TDP PorousPave® plastic porous paving system is a simple, effective and durable solution for pathways, car parks, emergency access etc that needs to manage surface water run-off as a SUDS compliant system.

TDP PorousPave® grids are produced entirely from mixed waste plastics that would have been destined for landfill.

TDP PorousPave® provides a surface solution for grass or gravel and can be used as part of a Sustainable Urban Drainage System (SUDS).

Features and benefits

- ✔ *Maintenance free*
- ✔ *Durable*
- ✔ *UV resistant*
- ✔ *Dimensionally stable*
- ✔ *Non-rotting*
- ✔ *Environmentally friendly*
- ✔ *100% recycled and recyclable*
- ✔ *Shock proof and flexible*



Landscape fabrics

Using landscape fabrics not only suppresses weeds from growing up through your gravel, mulch, or up through the joints of your paving, but also allows the soil beneath to breathe and water to permeate through.

It is imperative that the pore opening sizes in landscape fabric allows water through at a consistent rate; too quickly and the water will pool under the surface, which can cause a soft sub base to become unstable. Efflorescent marks on your paving can also be a factor of pooling water.

If the water flow is too low the reverse can occur, with the sub surface drying out and cracking.

Both of these factors can affect decked areas more severely, by either rotting the joists or creating unstable uprights that have been concreted into the sub base.

The use of a landscape fabric will also eliminate the need for chemical weed maintenance, as any surface weeds which germinate will not root through the fabric if removed when seen or the topping raked to disturb them.



Features and benefits

- ✔ *Resists deformation and fracture*
- ✔ *Made from 100% recycled material*
- ✔ *Easy to install with no pegging*
- ✔ *Conforms to irregular surfaces and gradients*

Plantex®

Plantex® is the original weed control fabric for professionals and is backed with the DuPont™ brand.

Strength is critical to the function of landscape fabrics; a large percentage of failures occur during installation, where the material can be torn, allowing weeds through from below. The unique structure and method of manufacturing makes Plantex® landscape fabric very strong.

Ideal for use in hard and soft landscaping applications, Plantex® Weed Control can be laid under patio slabs, decking, block paving, decorative aggregates either in borders or pathways, and even under turf.



Plantex® is specifically designed for landscaping and has a proven 30 year history.



TDP50

Our own brand TDP50 Landscape Fabric is our economy offering. TDP50 Landscape Fabric is manufactured to a high specification and will perform well in landscape applications to suppress weed growth from below, whilst letting water and air through to the sub base.

TDP50 can be used under patio slabs, decking, block paving and under decorative aggregates.



TDP ProWeed

For use in hard and soft landscaping areas. Helps suppress weeds thus reducing maintenance. Ideal for creating low maintenance areas, helping new plants to establish and keeping them healthy.

TDP ProWeed can be used under patio slabs, timber decking, gravel paths and gardens, bark borders and fruit areas.



Features and benefits

- ✔ *Controls weed growth*
- ✔ *Allows air and water through*
- ✔ *Aids drainage*
- ✔ *Reduces maintenance*



Fibre additives

Adding fibrous materials to concretes, screeds, plasters or renders is a tried and tested method of minimising the cracking and shrinkage of the mix after it has been applied.

Adding TDP fibres does not affect the properties of the mix, they simply hold onto the moisture during curing which strengthens the mix during the green stage, thus reducing the cracking and shrinkage which occurs.

TDP's fibres have been tried and tested at CERAM Building Technology.



Features and benefits

- ✔ Reduces remedial work
- ✔ Fibres disperse easily in the mix
- ✔ Non-irritant
- ✔ Can be used in mechanically applied screed, plaster or render



TDP Concrete and Screed Fibres

Concrete and Screed 20mm fibres are single filament. Each fibre therefore has a high tensile strength, making them ideal in



flooring applications where the surface wear resistance is increased.

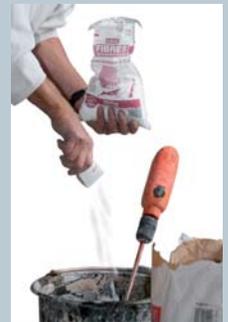


Where aggregate is introduced into the mix the fibres can withstand the agitation in a cement mixer.



TDP Plaster and Render Fibres

For plaster and render, the 2.2mm fibre is multifilament. The short length of the fibre makes it suitable for all plaster and render applications, including finishing coats.



Mortar protection

Protecting newly laid mortar or concrete in the UK climate can often be quite challenging, so 'easy to hand' products are often used.

Ideally mortar and concrete needs to be covered in all weathers to optimise the curing conditions and minimise the risk of drying out too quickly, or allowing the ingress of too much water. Both of these risks can cause mortar and concrete to lose some of its key properties.



TDP Mortar Fleece™

Mortar Fleece™ is specifically designed for protecting newly laid mortar in brick and block work.



A lightweight fleece material laminated with a waterproof centre section, it acts as a barrier against frost, heavy rain, and strong sunlight. The unique structure provides a stabilised climate for optimising the mortar curing conditions. When placed on top of a wall or vertical structure, the central section prevents the ingress of water.

Features and benefits

- ✔ Durable but lightweight
- ✔ Reusable
- ✔ Purpose made product
- ✔ Tried and tested at CERAM Building Technology



Ground work

Getting the ground work right, is the key to all construction projects. The use of geotextiles delivers several major characteristics required in ground work; filtration, stabilisation and separation.

In projects where additional sub base strength is required, a geogrid can be installed for stabilisation, to aid load distribution or slope reinforcement.

In the case of reinforcement of a granular sub base the introduction of a geogrid can allow a reduction of the construction depth, overall reducing the costs of material and excavation.



TDP115 Geotextile

TDP115 is a non woven, high quality geotextile, that is designed to let water through, whilst separating and stabilising construction layers.



Used in drainage applications, such as a wrap for SUDS crates or in traditional drainage trenches, TDP115 acts as a filter, preventing sand or soil clogging the crate or drainage stone.



TDP115 is a versatile product that can be used in highways construction through to domestic gravel drives.

Features and benefits

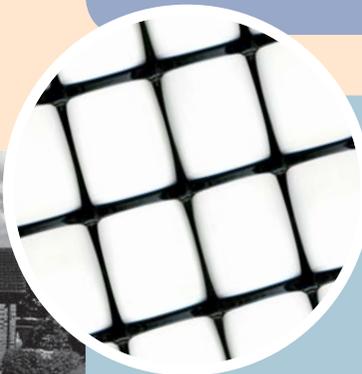
- ✔ *High tensile strength*
- ✔ *Strengthens and stabilises*
- ✔ *Prevents mixing of construction layers*
- ✔ *Effective filter in drainage*
- ✔ *CE certified*

SN20 Geogrid

SN20 Geogrid is a polypropylene bi-axial grid that has a tensile strength at maximum load of 20kN, with high levels of equal stiffness to provide the optimum solution in reinforcing trafficked areas.

Features and benefits

- ✔ *UV stabilised and durable*
- ✔ *Chemical and biological resistant*



Root control

Controlling root growth also protects against damage to buildings and utility channels.

In paved areas, roads, lawns, patios or building foundations, damage by tree or plant roots can prove to be an expensive problem.

By controlling the growth of aggressive rooting plants and trees, protection of patios, paved areas and asphalted surfaces can be achieved.



Root Barrier

Root Barrier by DuPont™ is a technically advanced fabric which stops invasive growth. It is a chemically inert, strong, smooth-lined, spun material which will contain rampant root growth without damaging plants or trees and without harming the surrounding materials.



Features and benefits

- ✔ *Chemically inert*
- ✔ *Contains without damaging the tree or plant*
- ✔ *Protects buildings, pavements and utility channels from root damage*



Easy to use, Root Barrier requires little preparation, and once installed can be left maintenance free for many years.

Recycled Products

Whilst this extensive range of products has the highest environmental credentials, the first priority was to produce products that are 'fit-for-purpose', designed to the highest standards, look great and where possible out perform more traditional materials.

This has been achieved by working with universities, clients and material technologists to create high-performing products for the consumer, commercial and construction markets.

Manufactured in the UK using recycled plastic waste, which would otherwise have been destined for landfill, means the resultant benefits are universal.

Features and benefits

- ✔ *Easy to clean*
- ✔ *Maintenance free*
- ✔ *Chip, crack & splinter proof*
- ✔ *Tough and durable*
- ✔ *Consistent quality*
- ✔ *No surface treatment or staining required*

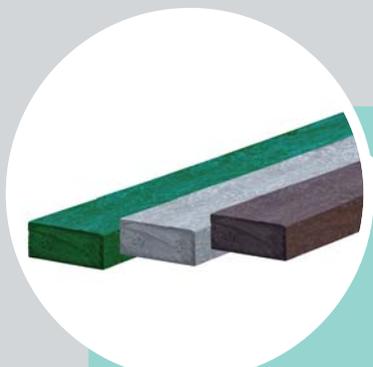


Recycled Plastic Outdoor Furniture & Play Equipment

This comprehensive range of maintenance free outdoor furniture includes standard picnic tables, wheelchair access tables, junior tables, seats and benches, junior play equipment, plus a nature and garden range.



Completely weatherproof, safe and designed to meet the most demanding applications from the school playground, pubs and clubs, urban environments, parks, recreation areas to a domestic garden.

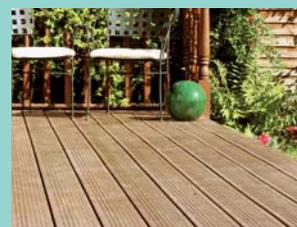


Recycled Plastic Profiles

The composite profiles can be fabricated into fencing, play areas, walkways, boardwalks, decking, retaining walls, access ramps and many other products that will enhance any park, garden, town centre, school, leisure or play area.

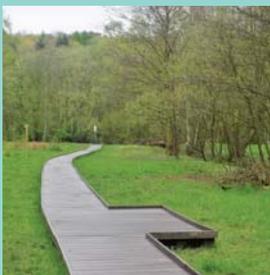


When used as an alternative to traditional wood it will give years of maintenance free use in any outdoor environment.



Recycled Composite Profiles are the basic building block and are designed to replace traditional (timber, concrete and steel) materials used within the construction industry. They also offer additional significant commercial, technical and environmental benefits.

Just like timber they can be cut, drilled and nailed. We already use these as bearers or joists for our decking range, the tongue and groove profiles are used for our fencing and retaining walls.



The smaller profiles can be used for railings and trellis and in the building industry they are being used as roofing battens where one of the obvious advantages is being impervious to water as well as being very strong.

Insulation

TDP Insulation Support Net is a lightweight and easy to use netting, designed to hold insulation securely in place.

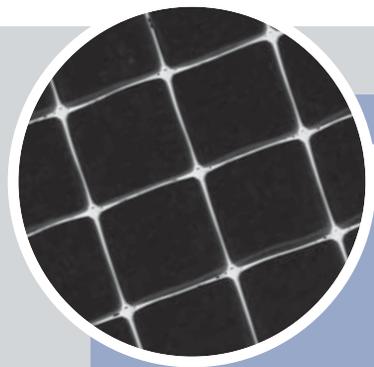
How to install

During construction (or when the floorboards have been removed for refurbishment) the Netlon Insulation Support Net is draped between the joists to a depth which will accommodate the insulation.

The net is stapled to the joists and the insulation is placed between the joists taking care not to obstruct any air-vents. (Fig.1)

If there is sufficient access beneath the joists, the insulation can be inserted from underneath and the net stapled in place. (Fig.2)

The Netlon Insulation Support Net can be used when insulation is installed at the fabrication stage within the components of the timber frame and mobile buildings, as the netting conveniently holds the insulation in place during and after construction.



TDP Insulation Support Net

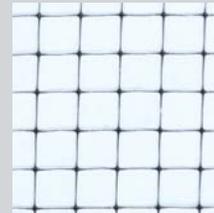
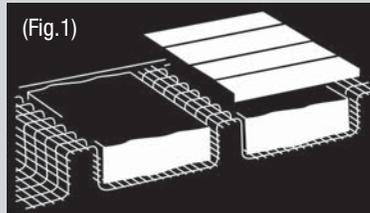
Manufactured from polypropylene, this strong yet lightweight thermoplastic netting is simply tacked to the timber or joist to hold fibrous insulation materials in place.



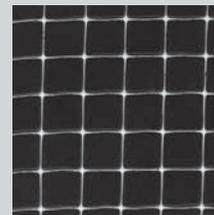
Features and benefits

- ✔ Durable
- ✔ Easy to cut
- ✔ Rust and rot proof
- ✔ Available in 2 grades and colours

Netlon Insulation Support Net has many typical uses, including the installation to the underside of ventilated timber floors during construction and refurbishment; to the floors and walls of timber framed buildings during construction and to static mobile homes, offices and stores.



Premium
Insulation Support Net



Standard
Insulation Support Net

Protection Mesh

Safe and effective bird deterrent

TDP Protection Mesh

Netlon Protection Mesh is manufactured from high quality polypropylene.

It provides an effective barrier that does not harm the birds and the specification of the mesh aperture will deter even the smallest birds.



Features and benefits

- ✔ UV stable
- ✔ Rot resistant
- ✔ 100% recyclable
- ✔ Cost effective solution
- ✔ Does not harm the birds

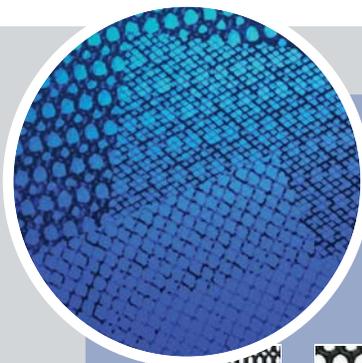


The applications are endless for this product, from complete building protection, ideal for listed and protected buildings, roof fans and vents, which are susceptible to bird damage, to crop protection in the horticulture market.



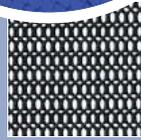
Grids and Meshes

For nearly half a century Netlon industrial products have been providing innovative solutions to problems faced in a vast number of industries by adapting and developing the unique range of thermoplastic meshes and nets.

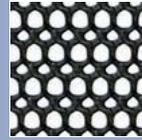


Netlon Industrial Meshes

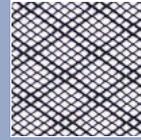
Any industry that has a requirement for product protection, reinforcement, support, separation or even just decoration will find the answer in this range.



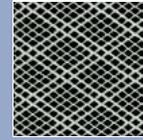
Net 01



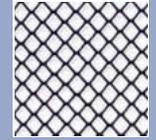
Net 02



Net 03



Net 04



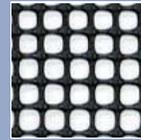
Net 05



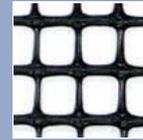
Net 06



Net 07



Net 08



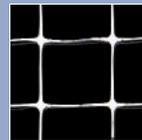
Net 09



Net 10



Net 30



Net 31



Net 40

Insect Mesh

Manufactured from high quality HDPE, this fine screening insect mesh offers highly effective protection from even the smallest of insects and debris.



Netlon Insect Mesh

Netlon Insect Mesh can be easily installed into panels, providing temporary or permanent barriers to infestation. No special fixings required.



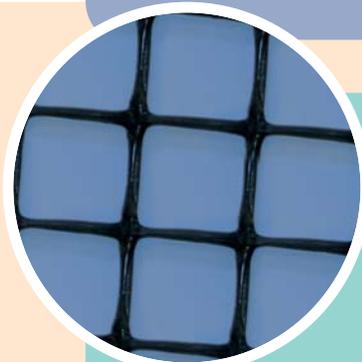
Ideal applications include: external louvers, switch gear, soffits, vents, window flyscreens and door manufacture (hinged or sliding).

Features and benefits

- ✓ UV stable & Rot resistant
- ✓ 100% recyclable
- ✓ Cost effective solution

Rack Guard

Netlon RackGuard is a black polypropylene mesh ideal for use in industrial and commercial racking systems as a fall protection product against product damage and staff injury.



Netlon Rack Guard

Typical installation is easy - simply cut and cable tie the mesh to racking uprights or struts.



RackGuard is designed for vertical applications on shelving and racks as a containment net. It should not be used in horizontal applications such as catch nets or other forms of passive protection.



RackGuard is also suitable for end-of-aisle applications, shelf dividers and lighter duty box applications.

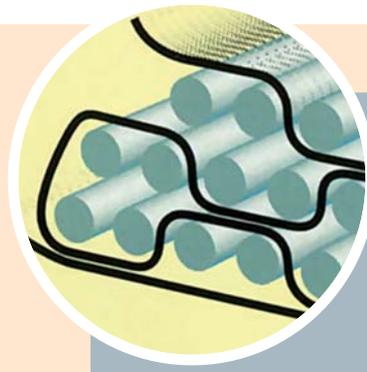
Features and benefits

- ✓ Easy to install
- ✓ Rust proof
- ✓ 100% recyclable

Industrial Packaging

Features and benefits

- ✔ *UV stable & Rot resistant*
- ✔ *100% recyclable*
- ✔ *Cost effective solution*



Snakewrap

Not all manufactured products are easy to package for transportation. Netlon Snakewrap is a pliable but strong mesh which is used as an interleave between cylindrical products that can then be stacked safely on a pallet.

This high quality product is manufactured from polypropylene, is fully recyclable and is ideal for use in overseas containers, as is not affected by change in temperatures or climate.



Stillage Separator

Manufacturers of machined parts look for separation solutions when packaging, storing and transporting goods, which have to have open apertures for oil and swarf to drain through but maintain stability.

Netlon meshes are ideal for this application as the mesh is resistant to oil and chemicals. The mesh can be washed for re-use.

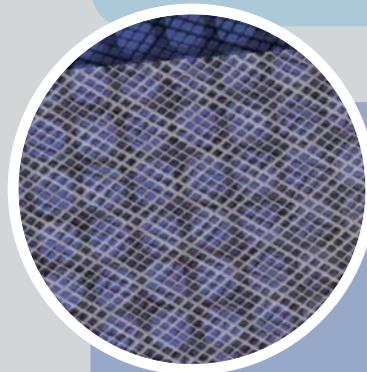
Filters and Separation

Engineering Filters Features and benefits

- ✔ *Corrosion resistant*
- ✔ *Flexible*
- ✔ *100% recyclable*
- ✔ *Non-conductive*

Aquaculture Separation and Shade Features and benefits

- ✔ *Corrosion resistant*
- ✔ *Flexible*
- ✔ *100% recyclable*
- ✔ *Non-conductive*



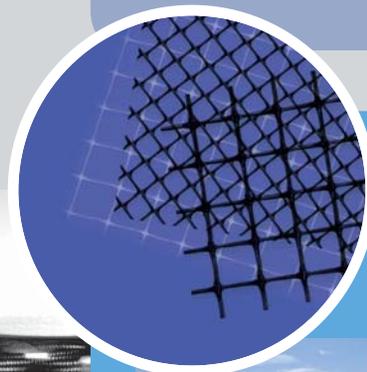
Engineering Filters

The application of filters in manufacture is a diverse market place. Netlon meshes offer a tough, lightweight, corrosion resistant, and flexible alternative to metal meshes.

Netlon industrial mesh is used in biofilters, lorry refrigeration and F1 cars to name but a few.



Thermoplastic meshes offer the benefit of being non-conductive, and are therefore ideal for inclusion into filter parts that can carry electric currents.



Aquaculture Separation and Shade

The aquaculture market is a growth industry in the UK.

The need for separation and shade of farmed fish is key in aquaculture. Netlon meshes provide the solution to these factors, being chemically inert and resistant to salt water.

The range of apertures available gives flexibility throughout the fish development cycle.



Protective Sleeving

The use of protective sleeving has endless applications and benefits, within diverse market sectors, from machined parts to sanitary ware.



Protective Sleeving Range

Protecting your products during storage or in transit, reduces the risk of damage, enhances your profit and satisfies your customer with product being received in good condition every time.

TDP protective sleeving is available in three ranges, offering three different levels of protection, with a wide range of stretch capabilities, from 6mm to 400mm, in an array of colours.

High Protection Range		
Colour		To fit diameter (mm)
Orange		10 – 20
Blue		15 – 25
Yellow		25 – 50
Blue		30 – 50
Red		50 – 75
Beige		50 – 100
Red		50 – 100
Green		100 – 200

Standard Range		
Colour		To fit diameter (mm)
Orange		6 – 17
White		8 – 10
Black		10 – 25
Violet		20 – 60
Red		50 – 100
Yellow		100 – 200
Blue		200 – 400

High Stretch Range		
Colour		To fit diameter (mm)
Purple		25 – 50
Orange		100 – 200

Economy Range		
Colour		To fit diameter (mm)
Light Blue		15 – 30
Green		25 – 50
Yellow		50 – 100
Dk Green		100 – 200

Protective sleeving is widely used for protecting manufactured parts, from delicate medical components to packing of industrial machined parts.

Ceramics and sanitary ware are obviously susceptible to damage during packing, in transit and occasionally even whilst on the shelf.

Features and benefits

- ✔ UV stable & Rot resistant
- ✔ 100% recyclable
- ✔ Cost effective solution

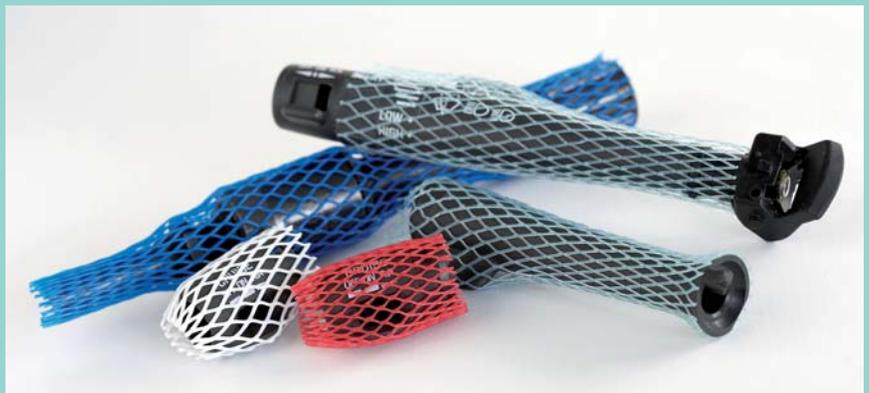


Parts Protection

TDP protective sleeves are noncorrosive and resistant to most chemicals and oils, its mesh design allows air circulation around items making it ideal for projects involving cleaning solvents, water or humidity.

The sleeving ranges are a low volume packing material that helps you to save warehouse space and shipping expense.

TDP have three types of sleeving, each with its own stretch and recovery characteristics. Some are suitable for protecting shafts and cylinders, others are better for protecting unusual shapes.



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