



LITE-SOIL

All in ONE: Air-Soil-Water

Active Subsurface Irrigation

DIRECT IRRIGATION SOLUTIONS



Water accumulator close to the roots

Up to 70% water saving

Excellent water storage

High water conductivity

Optimal soil aeration

Sustainable greening effect

Cost-effective

Simple installation at any desired depth

Three-dimensional installation possible

High flexibility

Light weight

Erosion protection

CITY TREES

FRUIT TREES

VITICULTURE

LAWNS

ATHLETIC FIELDS

FOOTBALL FIELDS

GOLF COURSES

SLOPES

GREEN ROOFS

PLANT POTS

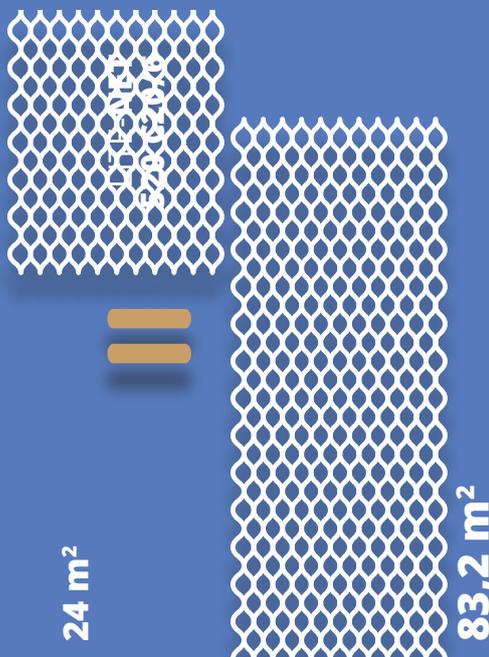
RAISED PLANTING BEDS

FILTER BASINS

Excellent results, scientifically tested

Scientific research carried out by the Viennese University of Natural Resources (BOKU) has shown that:

- + LITE-**NET** saves up to 6 times more water than conventional coir mats
- + The greening effect of LITE-**NETS** is 50% higher than conventional coir mats
- + LITE-**STRIPS** mixed into the soil have a 8 times higher water storing capacity per kg than conventional expanded clay aggregates



What are LITE-DRAINS?

LITE-**DRAINS** are THE modern and cost-efficient solution for the direct irrigation and aeration of your plants.

To achieve more efficiency with less material – that is the core idea behind our products.

With LITE-**DRAINS** we offer you a range of products which not only optimally irrigate and aerate your plants, but also give them enough space to grow, root and thrive. Particularly with challenging soil conditions such as erosion, drought, capping and slopes!

Cost-efficient, effective and easy to install!

Save costs thanks to intelligent design

Our high-quality geotextiles are excellent at distributing and storing water due to their 90% interconnected void content. Like earthworm channels, water and air are directly guided to the roots and stored there. Irrigation water is used very efficiently: it is economized especially during the initial irrigation of e.g. city trees and by means of increasing irrigation intervals.

LITE-**DRAINS** reduce evaporation and matting, thus reducing the surface maintenance costs. LITE-**DRAINS** are cost-efficient due to the optimal use of high-quality material. They are easy to install and can be used for innovative applications due to their open net structure. Our nets can increase their size 4 to 5 times! This saves unnecessary material and costs. Our products are available in 3 different materials: sustainable and reusable polypropylene (PP), as well as 100 % biodegradable PLA (5 years) and wood fibre (WF, 1 year).

LITE-STRIPS

Water storage close to the roots

LITE-STRIPS are water accumulating strips that can be easily mixed into the substrate (with an application of approx. 10%).

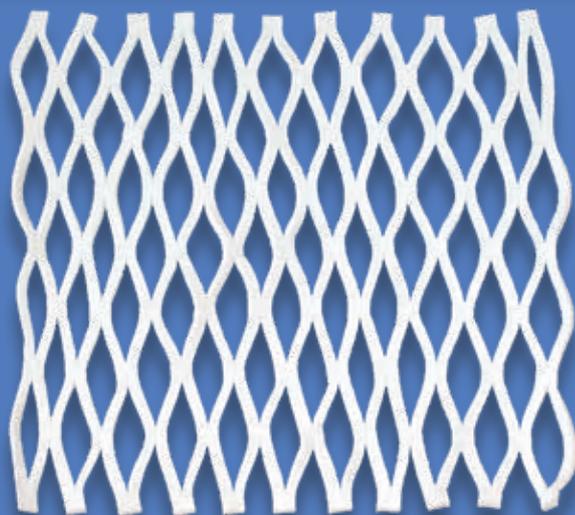
The water storage is thus directly in proximity to the roots and not e.g. at the bottom of the plant pot. The plants have an effortless access to the stored water. The approx. 7 cm long strips are patented and loosen the soil, accumulating water when the substrate is moist in order to release 100% of it when the soil is dry. Plants receive water exactly when they need it most. Irrigation intervals are increased and the plants are optimally irrigated. 10 l LITE-STRIPS can store up to 9 l water and are reusable.



LITE-NET

Water distributing net

LITE-NETS are excellent at distributing water and air, nourishing the plants as if they were an underground vein system. The nets are delivered in rolls and can be easily installed by placing them on the ground, stretching them in order to increase their original size 4 to 5 times and covering them with soil. They can be pulled up to the surface at certain points, where they will directly absorb water and air and quickly distribute it over a large surface at root depth. This reduces losses by evaporation as well as surface matting. The flexible, water storing net can be installed at any desired depth and close to the roots, as the open net structure allows their full development by not obstructing their growth.



BLUELITE-NET

The active subsurface irrigation

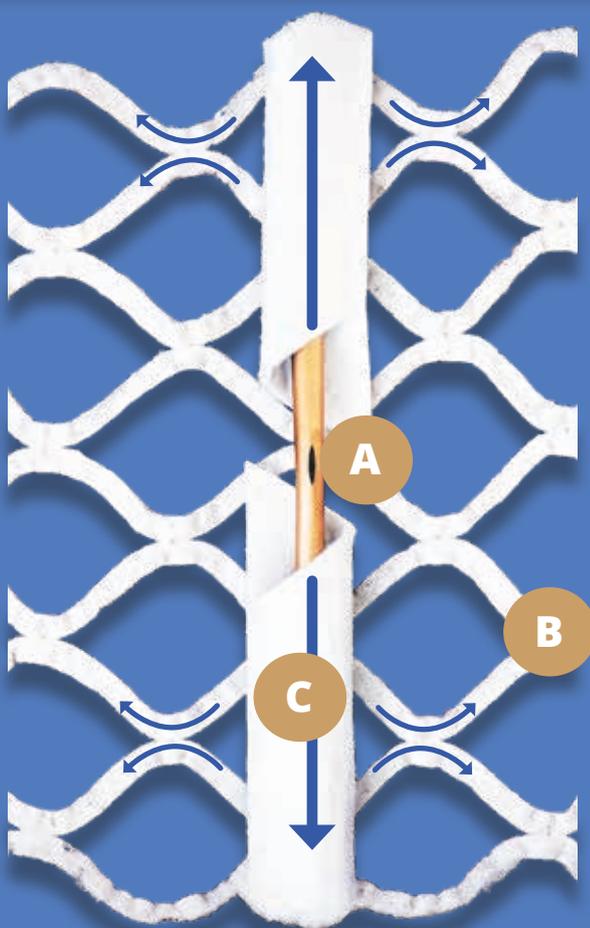
The active BLUELITE-NET system is a completely new and technically improved solution for a water saving subsurface irrigation of e.g. trees or athletic fields.

It consists of a drip irrigation tube **A** which conducts the water via a nonwoven covering (**BLUELITE-COVER**) **B** into a LITE-NET **C**, where it is extensively and evenly distributed at root level. The nonwoven covering protects the tube's openings against root penetration and fine soil particles. It also distributes the water linearly along the tube and multiplies the water/soil contact area by a thousand.

The subsurface irrigation prevents evaporation, felting and water logging, reducing soil surface maintenance costs. The irrigation is continuously possible, even if the irrigated surface is being used.

Due to the open and flexible net shape, no barrier is formed for the plants, which means that the roots can grow freely and even anchor themselves around the net. 100% of the water stored in the net is thus available for the plants. The plants are optimally irrigated even during the initial growth phase.

Compared to conventional spray irrigation, **BLUELITE-NET** can save up to 70% of water.



APPLICATIONS

TREES

LITE-NETS are an improved and more cost-efficient replacement for conventional tube systems. They can't clog or buckle, and the water is prevented from draining into the soil without saturating the root ball.

LITE-NETS absorb water and air at the surface and distribute it evenly, efficiently and extensively exactly where it is needed: the tree's roots.

As an initial growth help for new plantations, the root ball is simply enveloped with our **vegetation net**. The tree's roots have an effortless access to 100% of the net's water and can grow through its openings. The ecological nets are 100% biologically degradable after 1 or 5 years.

Vegetation nets are the ideal complement for watering bags and reservoirs.

In addition to the vegetation net, **LITE-NETS** can be extensively placed inside the planting hole or just along its walls in order absorb water and air. This allows to optimally nourish the roots of already grown, fully developed trees.

Small movements of the trees caused by e.g. wind or passing cars can even actively pump air into the **LITE-NET**. Additionally, **LITE-NET** can guide roots below impermeable surfaces (e.g. sidewalks), drain planting holes and increase the tree's stability.

ADVANTAGES

- Extensive distribution close to the roots
- Cost efficient
- Easy and quick to install
- Cannot buckle or clog



LITE-NET Vegetation net

As an additional water reservoir, it is possible to mix **LITE-STRIPS** into the soil surrounding the root ball. The use of 100% biodegradable **LITE-STRIPS Bio** out of wood fibre (approx. 1 year) or PLA (approx. 5 years) prevents the raising or breaking of the tree grille, as the roots can grow into the voids liberated by the degraded **LITE-STRIPS Bio**.

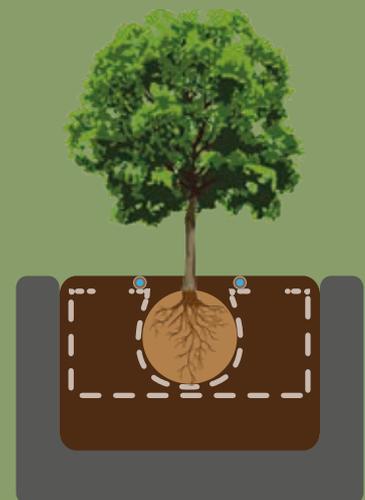
The active **BLUELITE-NET** system is also ideal for tree irrigation. The installation is very simple: For already planted trees, a drip irrigation pipe inside a nonwoven covering is placed around the tree trunk as a ring in 5-10 cm depth. For newly planted trees, this irrigation ring is additionally put in contact with a **vegetation net** enveloping the root ball. The irrigation pipe is thus protected against vandalism and UV light, and the large air/soil contact surface releases the water evenly. This innovative system reduces maintenance and personnel costs as well as the water consumption.



1. Place root ball on vegetation net and envelop.



2. Dig the planting hole. Cover planting hole base with special mix. Lay out **LITE-NET** inside the planting hole. Introduce tree.



3. Fill with special mix and **LITE-STRIPS**. Open top of vegetation net. Introduce **BLUELITE-NET** irrigation ring, cover with soil, gravel, mulch or similar.

The new **LITE-ROOTPROTECT** not only protects tree roots exposed on construction sites against sun and damage, but also keeps them moist.

The roots are simply enveloped with the approx. 10 cm wide strip made out of a nonwoven water accumulator and moistened.

As the **LITE-ROOTPROTECT** is 100% biodegradable, it does not have to be removed and can be kept in situ.

The wider **LITE-ROOTPROTECT L** can optimally replace conventional burlap or hessian fabric used for covering wide sections of exposed roots, as it retains water much more efficiently. Placing a drip irrigation pipe inside a nonwoven covering on top of the root protection mat allows an automatic moistening.

As the **LITE-ROOTPROTECT L** is biodegradable, it can remain in the soil once the construction work is finished.



LITE-ROOTPROTECT as root protection



LITE-ROOTPROTECT L as root protection mat



BLUELITE-NET irrigation system



LITE-NETS are the 1st choice for large tree transplants!



LITE-STRIPS can be easily mixed into the soil in order to offer an excellent aeration and irrigation

RECOMMENDED PRODUCTS

APPLICATIONS	LITE-STRIPS	VEGETATION NET	LITE-NET		BLUELITE-NET
Initial growth	Bio1 M/6 Bio5 M/5	Bio1 M/6 Bio5 M/5	Bio1 350 C14/6 Bio5 350 C14/5	Bio 5 350 C20/5	
Long-term	M/6			350 C20/10 520 C20/6	
Tree protection	LITE-ROOTPROTECT LITE-ROOTPROTECT L				
Moving large trees	Bio5 M/5 M/6		Bio5 350 C14/5	Bio5 350 C20/5	
Active irrigation		Bio5 M/5 L/6	Bio5 350 C14/5	Bio5 350 C20/5 350 C20/10	BLUELITE-COVER BLUELITE-TUBE

LAWNS & ATHLETIC FIELDS

In order to achieve an optimal, sustainable and easy to maintain vegetation, a combination of our products **LITE-STRIPS**, **LITE-NETS** and **BLUELITE-NET** is highly recommended.

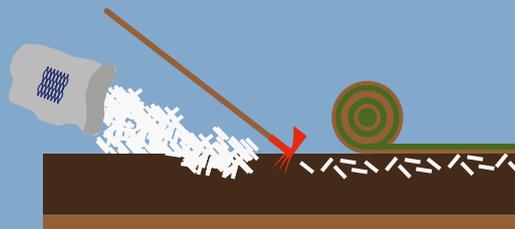
LITE-STRIPS, mixed into 10% of the soil, serve as water accumulators close to the roots. **LITE-STRIPS** are made out of durable PP as well as biologically degradable out of wood fibre (1 year) or PLA (5 years).

LITE-STRIPS Bio1 are ideal for the initial growth phase of lawn turf. Mixed into the upper 5-10 cm of the soil before rolling out the lawn turf, they quickly help the roots to grow deeper as they aerate, irrigate and loosen the soil before they degrade after one year.

In order to enhance the lawns aeration, **LITE-STRIPS Bio5** can be mixed with sand and introduced into a trench drain. By using wider aeration tines (approx. > 16 mm), the holes can be filled with a mixture of sand and **LITE-CUBES Bio5**. **LITE-NETS** do not only store water and air, they also distribute them extensively

and evenly at root depth. They act as an underground vein system, allowing the plant's roots to grow through the net openings. This is why the net can be installed at any desired depth and even in waves.

LAWN TURF



Scatter approx. 1 l/m² **LITE-STRIPS Bio1** on the soil and work it into the upper 5-10 cm of the substrate. Place lawn turf directly on top of the soil.



BLUELITE-NET

Our **BLUELITE-NET** combination serves as an active subsurface irrigation system and consists of a **LITE-NET** for the extensive distribution of water and a drip irrigation pipe in a nonwoven covering placed on top. The covering protects the irrigation pipe against root penetration and obstruction and distributes the water linearly as well as into the **LITE-NET**.

We produce the pure covering (**BLUELITE-COVER**), in which all types of pipes can be introduced, as well as the already covered irrigation pipe (**BLUELITE-TUBE**).

BLUELITE-NET not only saves water and reduces matting, it also allows the mowing and using of the lawn during its irrigation.

AGRICULTURE & VITICULTURE



BLUELITE-NET for new plantations

- A** LITE-NET
- B** BLUELITE-TUBE
- C** LITE-STRIPS



BLUELITE-AGRI for already existing plantations

For their application in agriculture and viticulture, the ideal moment for using LITE-**DRAIN** products is during a new plantation.

LITE-**NET** vegetation nets can be enveloped around the root ball in order to save and distribute air and water. Additionally, LITE-**STRIPS** – primarily as water storage – and LITE-**NETS** – as air and water distributors – can be extensively installed at root depth.

BLUELITE-NET is also ideal for an active subsurface irrigation!

In case of already existing plantations, LITE-**DRAIN** products can be installed posteriorly in a shallower depth (approx. 10-20 cm).

LITE-**NETS** are very easy to cut and can thus be easily laid out around already existing plants.

Specifically developed for posterior installations around already existing plantations, larger green areas and fields, **BLUELITE-AGRI** consists of a pipe in a nonwoven covering that can be installed without the water distributing net. The easiest installation method is offered by conventional trenchers.

Developed for an extensive subsurface water distribution around already existing plants, **BLUELITE-AGRI+** consists of a pipe in a nonwoven covering with perpendicular distributing strips.

As the water saving subsurface irrigation of the **BLUELITE-NET** system prevents matting and the incorporation of our nonwoven products loosens the soil, the surface requires less maintenance. If it has to be mechanically loosened or aerated the irrigation pipes have to be installed below the working depth.

The direct and targeted distribution not only reduces water consumption, but also the required fertilizer amount. This contributes to reducing fertilizer-induced water pollution and to an overall healthier environment.

RECOMMENDED PRODUCTS FOR LAWNS, ATHLETIC FIELDS & LAWN TURF

APPLICATIONS	LITE-STRIPS		LITE-NET		BLUELITE-NET
Initial growth (lawn turf)	Bio1 M/6				
Long-term	Bio5 M/5				
Active irrigation	M/6		Bio5 520 C14/5	520 C20/6 520 C20/10	BLUELITE-COVER BLUELITE-TUBE
Aeration	Bio5 M/5	LITE-CUBES Bio5		520 C20/6 520 C20/10	

RECOMMENDED PRODUCTS FOR AGRICULTURE & VITICULTURE

APPLICATIONS	LITE-STRIPS	LITE-NET	BLUELITE-NET	
Long-term	M/6 L/10	350 C20/6 350 C20/10		
Active irrigation		350 C20/6 350 C20/10	BLUELITE-COVER BLUELITE-TUBE	BLUELITE-AGRI BLUELITE-AGRI +

GREEN ROOFS

One characteristic of the LITE-**DRAIN** product range is especially important for green roofs: their low weight.

As the nonwoven water accumulators in strips and nets consist of 90% open and interconnected voids, they can accumulate up to 8 times more water per kg than conventional alternatives (e.g. LECA).

Mixed into 10% of the substrate, LITE-**STRIPS** serve as an additional water reservoir at root depth and for loosening the soil. If the substrate is transported hydraulically, it can be mixed with the small LITE-**CUBES** in advance.

The additional installation of a LITE-**NET** as a water storage penetrable for roots allows an extensive subsurface irrigation and aeration. Thanks to the open net structure it can be installed at any desired depth, optimally adapted to every single plant.

The roots can anchor themselves to the nonwoven net and access 100% of the stored water (up to 10 l/m², depending on the net).

For an additional stabilization of the single plants, the LITE-**NETS** can be anchored to the ground and thus prevent erosion by wind or gravity (e.g. inclined roofs).

The **BLUELITE-NET** system is a cost-efficient subsurface irrigation without evaporation. It allows for an irrigation at any desired time, as the green roof can be walked on even during its irrigation.



APPLICATIONS	LITE-STRIPS		LITE-NET	BLUELITE-NET
Long-term	M/6	LITE-CUBES	520 C20/6 520 C20/10	
Active irrigation			520 C20/6 520 C20/10	BLUELITE-COVER BLUELITE-TUBE

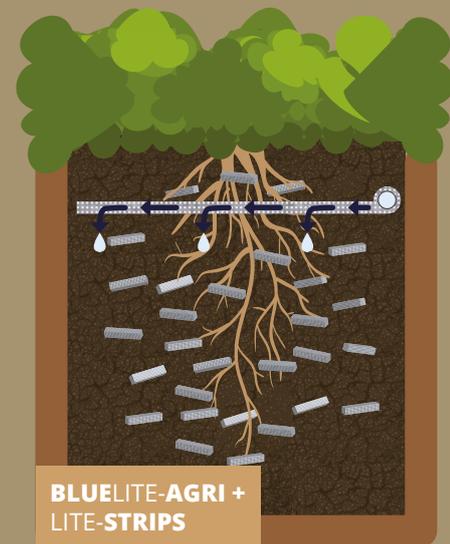
RAISED PLANTING BEDS & PLANT BOXES

For raised planting beds and plant pots, the extremely water storing LITE-**STRIPS** are simply mixed into 5-10% of the substrate. The substrate is loosened and the water is 100% available for the plants whenever they need it, even while the irrigation intervals become longer.

The cost-efficient LITE-**STRIPS** are available in 3 different materials: Sustainable and reusable PP as well as 100% biodegradable WF (1 year) and PLA (5 years).

For the active distribution of water for larger plant pots, **BLUELITE-AGRI+** offers an ideal solution. It consists of a drip irrigation pipe inside a nonwoven covering

with additional perpendicular distribution strips. The irrigation is free of evaporation and prevents surface matting.



APPLICATIONS	LITE-STRIPS	VEGETATION NET	LITE-NET		BLUELITE-NET	
Long-term	Bio5 M/5 M/6	Bio5 M/5 L/6	Bio5 520 C14/5	350 C20/6		
Active irrigation		Bio5 M/5 L/6		350 C20/6	BLUELITE-COVER BLUELITE-TUBE	BLUELITE-AGRI BLUELITE-AGRI +

SLOPES

LITE-**NETS** are ideal for slope vegetation. For the initial growth phase, they are laid on the surface, for a durable irrigation they are additionally installed underground.

For the initial growth phase, the biologically degradable LITE-**NET Bio1** or **Bio5** (1 or 5 years) is stretched and laid on the slope surface. As the long-term water storage capacity is 6 times higher compared to conventional coir nets, the plants are optimally irrigated, increasing the vegetation up to 50% as researched and confirmed by the University of Natural Resources in Vienna (BOKU).

The extremely flexible nonwoven net adapts itself optimally to the slope surface and reduces erosion by creating a microrelief parallel to the slope. Due to the high adherence caused by friction, the net does only have to be fixated a little. In case of steeper slopes, the net can be additionally fixated with conventional ground hooks.

The meandering profile of the patented net allows water to be saved much more efficiently than in conventional, full-surface mats, which cause a quick drainage of the water. Additionally, the net cannot be suctioned away by the wind and promotes plant growth by direct light incidence.

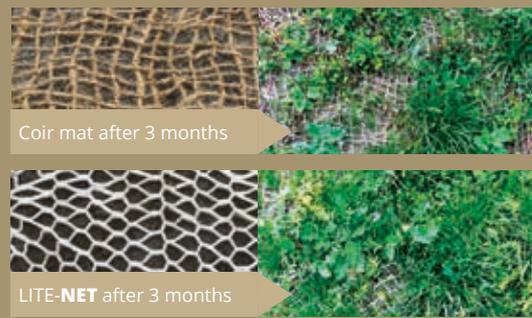
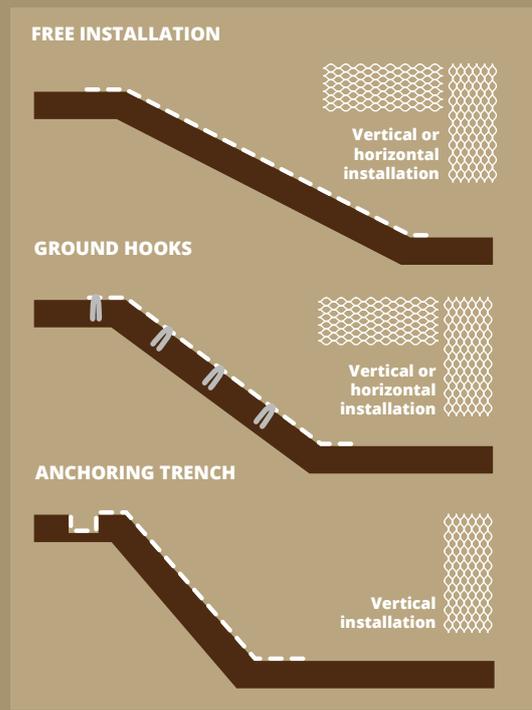
LITE-**NETS** are an ideal complement for hydroseeding. In order to enhance the effectivity of hydroseeding, the all new LITE-**CUBES** can be mixed into the slurry before applying it onto the slope. The small nonwoven cubes also consist of 90% interconnected voids and can store much more water and other fine particles than conventional fibre mulch.

For a long-term increase of the vegetation, the durable LITE-**NET** variant can be mixed into the soil at root depth. Fixing it to the soil allows for a fixation of an overlaying covering.

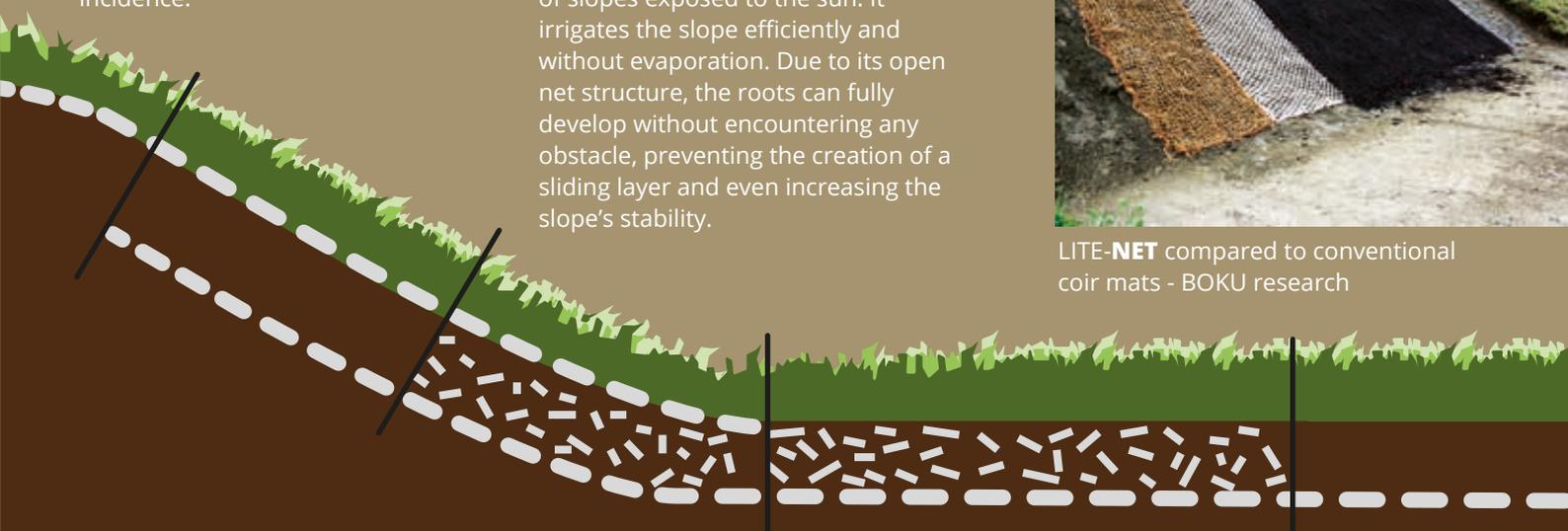
For an improved irrigation of bushes and shrubs on slopes, irrigation bands can be laid perpendicularly to the falling direction into the planting hole. The ends of the biodegradable band are exposed to the surface and will thus be able to absorb water and distribute it to the roots. Once the roots have absorbed the water, air is automatically pumped into the band.

In order to loosen and irrigate the soil at root depth, LITE-**STRIPS** can be mixed as water reservoirs.

The subsurface **BLUELITE-NET** system is protected against vandalism and especially indicated for the irrigation of slopes exposed to the sun. It irrigates the slope efficiently and without evaporation. Due to its open net structure, the roots can fully develop without encountering any obstacle, preventing the creation of a sliding layer and even increasing the slope's stability.



LITE-**NET** compared to conventional coir mats - BOKU research



APPLICATIONS	LITE-STRIPS		LITE-NET		BLUELITE-NET
Initial growth	Bio1 M/6 Bio5 M/5	LITE-CUBES Bio1	Bio1 520 C14/6 Bio5 520 C14/5		
Long-term	M/6 L/10		520 C14/6	520 C20/6 520 C20/10	
Active irrigation			520 C14/6	520 C20/6 520 C20/10	BLUELITE-COVER BLUELITE-TUBE

RECOMMENDED PRODUCTS

		TREES				SLOPES			LAWNS & LAWN TURF				AGRICULTURE		GREEN ROOFS		PLANT POTS	
		INITIAL GROWTH	LONG-TERM	MOVING TREES	ACTIVE IRRIGATION	INITIAL GROWTH	LONG-TERM	ACTIVE IRRIGATION	INITIAL GROWTH LAWN TURF	LONG-TERM	ACTIVE IRRIGATION	AERATION	LONG-TERM	ACTIVE IRRIGATION	LONG-TERM	ACTIVE IRRIGATION	LONG-TERM	ACTIVE IRRIGATION
LITE-STRIPS	Bio1 M/6	●		●		●			●								●	
	Bio5 M/5	●	⊙	●		●	⊙		●	⊙		●	⊙		⊙		●	
	M/6	●	●	●		⊙	●		●			●			●		⊙	
	L/10	●	●	●		⊙	●		●			●			●		⊙	
	LITE-CUBES					●						●			●			
VEGETATION NET	Bio1 M/6	●		●													⊙	
	Bio 5 M/5	●	⊙	●	⊙												●	●
	Bio1 L/6	●		●													⊙	
	Bio5 L/5	●	⊙	●	⊙												●	●
	L/6	⊙	⊙	●	●												⊙	●
LITE-NET	Bio1 520 C14/3					●			⊙									
	Bio1 350 C14/6	●		●		●			⊙								⊙	
	Bio5 350 C14/5	●	⊙	●	⊙	●	⊙	⊙	⊙	⊙		⊙	⊙	⊙	⊙	⊙	⊙	⊙
	Bio1 520 C14/6	●		●		●			⊙								⊙	
	Bio5 520 C14/5	●	⊙	●	⊙	●	⊙	⊙	⊙	⊙		⊙	⊙	⊙	⊙	⊙	⊙	⊙
	520 C14/6	⊙	⊙		⊙	⊙	●	●		●	●		●	●	●	●	⊙	⊙
	Bio5 350 C20/5	●	⊙	●	⊙	⊙	⊙	⊙	⊙	⊙		⊙	⊙	⊙	⊙	⊙	⊙	⊙
	350 C20/10	⊙	●	●	●		●	●		●	●		●	●	●	●	⊙	⊙
	Bio5 520 C20/5	●	⊙	●	⊙	⊙	⊙	⊙	⊙	⊙		⊙	⊙	⊙	⊙	⊙	⊙	⊙
	520 C20/6	⊙	●	●	●		●	●		●	●		●	●	●	●	⊙	⊙
	520 C20/10	⊙	●	●	●		●	●		●	●		●	●	●	●	⊙	⊙
BLUELITE-NET	BLUELITE-COVER				●		●			●			●		●			●
	BLUELITE-TUBE				●		●			●			●		●			●
	BLUELITE-AGRI				●		⊙			⊙			●		⊙			●
	BLUELITE-AGRI +				●					⊙			●		⊙			●

● very well suited ⊙ well suited

TECHNICAL SPECIFICATIONS

Our products consist of time-proven geotextiles which are optimised for any kind of soil. Up to 90% of their volume consists of open, interconnected voids that can distribute and store water and air. 100% of the water is immediately available for the plants. All our products are available in 3 different materials:

WOOD FIBRE (WF)
100 % BIODEGRADABLE AFTER 1 YEAR

weight **330 g/m²**
600 g/m²

thickness **3 mm**
6 mm

PLA
100 % BIODEGRADABLE AFTER 5 YEARS

weight **500 g/m²**

thickness **6 mm**

POLYPROYLENE (PP)
REUSABLE AND SUSTAINABLE

weight **600 g/m²**
1050 g/m²

thickness **6 mm**

LITE-STRIPS

Water reservoirs for loosening soil or helping during the initial growth phase. They are mixed into approx. 10% of the soil. 10 l of LITE-STRIPS can store up to 9 l water.

Delivery: 10/25/50/100 l bags, 0,7 m³ cardboard on pallet

LITE-STRIPS	material	l. x w. x th. (mm)
Bio1 M/6	WF	70 x 12 x 6
Bio5 M/5	PLA	70 x 12 x 6
M/6	PP	70 x 12 x 6
L/10	PP	120 x 12 x 8

Recommended quantities

Trees & bushes.....10-20 l per plant hole	Green roofs.....2-3 l per m ²
Agriculture & viticulture.....2 l per m ²	Slopes.....1-2 l per m ²
Lawns & athletic fields.....2 l per m ²	Lawn turf.....1 l per m ²
	Planting beds and pots.....10% volume

LITE-NET

LITE-NETS installed into the soil function as interconnected water veins. They distribute water and air extensively at root depth and serve as water reservoirs. Due to their open net structure, they allow the roots to grow freely. A flexible, three-dimensional installation is always possible.

In addition to the standard C20 mesh size with a diameter of approx. 13 cm, nets with smaller diameter of 9 cm such as the C14 nets are available for slopes or vegetation nets.

LITE-NETS are delivered in rolls with final widths of 3,5 m or 5,2 m as with 20 m length (larger sizes upon demand).

LITE-NET Vegetation net	material	mesh Ø (mm)	thick. (mm)	net size (m)	net area (m ²)	root ball Ø (cm)	weight (kg)
Bio1 M/6	WF	90	6	1,1 x 0,7	0,8	35-60	0,2
Bio5 M/5	PLA	90	6	1,1 x 0,7	0,8	35-60	0,15
Bio1 L/6	WF	100	6	1,5 x 0,8	1,2	55-85	0,25
Bio5 L/5	PLA	100	6	1,5 x 0,8	1,2	55-85	0,2
L/6	PP	100	6	1,5 x 0,8	1,2	55-85	0,25

LITE-NET Rolls	material	mesh Ø (mm)	thick. (mm)	net size (m)	net area (m ²)	roll size (m)	roll weight (kg)
Bio1 350 C14/6	WF	90	6	3,5 x 14	49	0,8 x 0,35	10
Bio5 350 C14/5	PLA	90	6	3,5 x 14	49	0,8 x 0,35	9
Bio1 520 C14/6	WF	90	6	5,2 x 14	73	1,2 x 0,35	15
Bio5 520 C14/5	PLA	90	6	5,2 x 14	73	1,2 x 0,35	13
520 C14/6	PP	90	6	5,2 x 14	73	1,2 x 0,35	15
Bio5 350 C20/5	PLA	130	6	3,5 x 16	56	0,8 x 0,35	13
350 C20/10	PP	130	8	3,5 x 16	56	0,8 x 0,45	18
Bio5 520 C20/5	PLA	130	6	5,2 x 16	83	1,2 x 0,35	13
520 C20/6	PP	130	6	5,2 x 16	83	1,2 x 0,35	15
520 C20/10	PP	130	8	5,2 x 16	83	1,2 x 0,45	26

LITE-NET	material	mesh Ø (mm)	th. (mm)	net size (m)	net area (m ²)	roll size (m)	roll weight (kg)
350 C20/10	PP	130	8	3,5 x 16	56	0,8 x 0,45	18
520 C20/10	PP	130	8	5,2 x 16	83	1,2 x 0,45	26

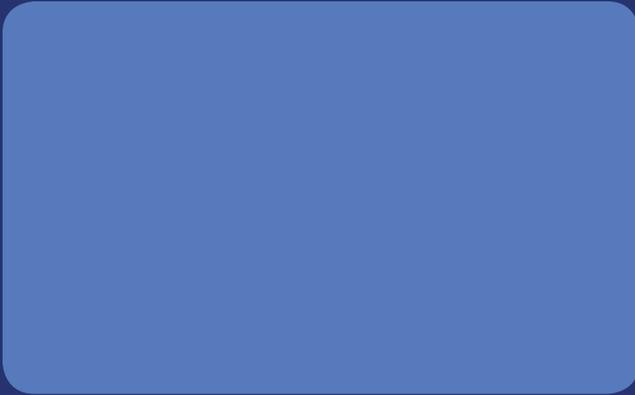
Product	material	thickness (mm)	length x width (m x mm)
BLUELITE-COVER	PP	6	33 x 7

BLUELITE-NET

The active BLUELITE-NET irrigation system was developed for a water saving and cost-efficient subsurface irrigation. It consists of an irrigation pipe, which distributes the water via a nonwoven covering into a nonwoven LITE-NET. The nonwoven covering out of PP not only protects the pipe against root penetration or obstruction by fine particles, it also multiplies the water/soil contact surface by a thousand.

Revised on 10/18, technical modifications possible. Tolerance +/- 10 %

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