LITE-SOIL

All in ONE: Air-Soil-Water

# Tender text all products, overview:

## TECHNICAL CHARACTERISTICS

Our products are made of long-time proven nonwovens, which are optimized for any type of soil. Up to 90% of the volume consists of interconnected air pores, which can store water and redistribute it by capillary action. All the water is thus immediately available to plants. Our products are available in 3 different materials:

| | | weight | thickness |
|---|---|---|---|
| BIO1 | WOOD FIBER (100% cellulose fibers)<br>100% biodegradable after about 1-2 years | 330 g/m²<br>600 g/m² | 4 mm<br>6 mm |
| BIO5 | PLA (70% PLA + 30% cellulose fibers)<br>100% biodegradable/compostable after approx. 5-10 years | 500 g/m² | 6 mm |
| PP | PP (100% polypropylene fibers)<br>durable, reusable and sustainable | 600 g/m²<br>900 g/m² | 5 mm<br>7 mm |

## Standard products overview

| | | | Bio1 | | Bio5 | PP | |
|---|---|---|---|---|---|---|---|
| | | | 4 mm | 6 mm | 6 mm | 3 mm | 5 mm |
| **LITE-STRIPS** * | Units | Weight in Kg approx. | | | | | |
| 70 x 12 mm | 1 m³ BB | 50/45/50 | | X | X | | X |
| 70 x 12 mm | 5 x 50 l Box | 12/11/12 | | X | X | | X |
| 70 x 12 mm | 250 l Box | 12/11/12 | | X | X | | X |
| **LITE-CUBES** | | | | | | | |
| 12 x 12 mm | 1 m³ BB | 60/55/60 | | X | X | | X |
| 12 x 12 mm | 250 l Box | 15/13/15 | | X | X | | X |
| **LITE-NET** ** | | | | | | | |
| LITE-NET Tree | L - For root balls up to max. Ø 60/65 cm<br>XL - For root balls from approx. Ø 60 cm | | | | | | |
| L: 1,5 x 0,8 m | 90 pcs. Box | 19/16/19 | | X | X | | X |
| XL: 1,75 x 1,6 m | 45 pcs. Box | 19/16/19 | | X | X | | X |
| LITE-NET Slope (Roll C14 = meshes Ø 9 cm) | | | | | | | |
| 350: 3,5 x 14,3 m | 50 m² | 7/12/10 | X | X | X | | |
| 520: 5,2 x 14,3 m | 75 m² | 10/17/14 | X | X | X | | |
| LITE-NET Standard (Roll C20 = meshes Ø 13 cm) | | | | | | | |
| 175: 1,75 x 16,3 m | 28 m² | 6/5/6 | | X | X | | X |
| 350: 3,5 x 16,3 m | 57 m² | 10/11 | | | X | | X |
| 520: 5,2 x 16,3 m | 85 m² | 14/16 | | | X | | X |
| **BLUELITE-NET** COMPONENTS | | | | | | | |
| BLUELITE-COVER | 25 m | (16 pcs. of 25m in a 25kg box) | | | | X | |
| BLUELITE-TUBE | 100 m | 14 | | | | X | |
| BLUELITE-TUBE | 20 pcs. 100 m | | | | | X | |
| BLUELITE-RING | 10 pcs. Ø 50 cm | 4 | | | | X | |
| **BLUELITE-NET** SYSTEM: | LITE-NET Standard Roll PP C20 + BLUELITE-TUBE | | | | | | |
| BLUELITE-NET SYSTEM | 50 m² | 25 | | | | | X |
| BLUELITE-NET SYSTEM | 75 m² | 38 | | | | | X |
| BLUELITE-NET SYSTEM | 1200 m² | | | | | | X |
| **LITE-ROOTPROTECT** | | | | | | | |
| Root bandage | 8 pcs. 0,1 x 8 m | 3 | X | | | | |
| Root bandage | 16 pcs. 0,1 x 8 m | 6 | X | | | | |
| Root curtain M | 0,8 x 20 m | 5 | X | | | | |
| Root curtain L | 1,2 x 20 m | 7 | X | | | | |

* LITE-STRIPS: Bio1 = 50 kg/m³ | Bio5 = 45 kg/m³ | PP = 50 kg/m³

** Specifications are maximum sizes. Recommendation: For optimal results and easier installation, reduce the laying width e.g., instead of 5.2 m only 4 - 4.5 m (area reduction approx. 10 - 15%).

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***Status January 2024,* other sizes and materials on request**

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## Tender text all products:

1. LITE-**STRIPS**: Water storage and aeration close to the roots in strip form
2. LITE-**NET** rolls: Water storage net and water distribution net
3. LITE-**NET Tree**: Pre-assembled vegetation and distribution net for trees
4. LITE-**ROOTPROTECT**: Root protection nonwoven for trees on construction sites
5. **BLUE**LITE-**NET**: Water-saving underground irrigation
6. LITE-**CUBES**: Water storage cubes for special applications
7. **BLUE**LITE-**RING**: Ready-made for trees

# 1. LITE-**STRIPS:**

As substrate improvement and near-root water storage for lawns, athletic fields, green roofs, slopes, trees, vegetation aid for turf, large tree transplantations, plant pots and raised planting beds in 3 material variants:



Bio1


Bio5


PP

## 1.1 LITE-**STRIPS** Bio1:

Water storage nonwoven in strip form (approx. 70/12/6 mm) to be mixed into the soil as irrigation close to the roots and vegetation aid as well as to improve substrate permeability and against compaction, cut from 100 % **biodegradable** wood-based cellulose needle non-woven (approx. 600 g/m², thickness approx. 6 mm, pore content/water storage ≥ 85 %, water storage capacity up to approx. 10 l/kg, **degradation time approx. 1-2 years**).

Mixing ratio for lawns approx. 0.5 to 1.0 l per m², for raised planting beds 5-10 l per m², approx. 10-20 l per tree pit, approx. 3 % vol. for large volumes, 5 - 10 % of vol. for smaller plant pots.

**Delivery form:** 5 x 50l, 250l or 1000l (ca. 50kg)

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## 1.2 LITE-**STRIPS** Bio5:

Water storage nonwoven in strip form (approx. 70/12/6 mm) for mixing into the soil as irrigation close to the roots and vegetation aid as well as for improving substrate permeability and against compaction, cut from 100 % **biodegradable/compostable** PLA needle nonwoven (approx. 70% PLA + 30 % cellulose, approx. 500 g/m², thickness approx. 6 mm, pore content/water storage ≥ 85%, water storage capacity up to approx. 10 l/kg, **degradation time approx. 5-10 years**).

Mixing ratio for lawns approx. 0.5 to 1.0 l per m², for roof greening approx. 1.0 – 2.0 l/m², for raised planting beds 5-10 l per m², approx. 10-20 l per tree pit, approx. 3 % vol. for large volumes, 5 - 10 % of vol. for smaller plant pots.

**Delivery form:** 5 x 50l, 250l or 1000l (ca. 45 kg)

## 1.3 LITE-**STRIPS** PP:

Water storage nonwoven in strip form (approx. 70/12/5 mm) for mixing into the soil as irrigation close to the roots and vegetation aid as well as for improving substrate permeability and against compaction, cut from **durable** PP needle-punched nonwoven (approx. 600 g/m², UV stabilized, thickness approx. 5 mm, pore content/water storage ≥ 85%, water storage capacity up to approx. 10 l/kg, pore opening width < 80 µm (EN ISO 12956), maximum tensile strength ≥ 40 kN/m (EN ISO 10319)).

Mixing ratio, for lawns approx. 0.5 to 1.0 l per m², for green roofs approx. 1.0 - 2.0 l/m², for raised planting beds 5-10 l per m², approx. 10-20 l per tree pit, approx. 3 % vol. for large volumes, 5 - 10 % of vol. for smaller plant pots.

**Delivery form:** 5 x 50l, 250l or 1000l (ca. 50 kg)

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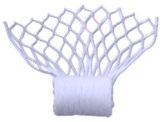
## 2. LITE-**NET** rolls:

For underground air and water supply in 3 sizes each,
2 mesh sizes, 3 materials and 2 thicknesses


Bio1



Bio5

PP

### *Designation declaration, e.g. for Bio5 520 C20/6:*

***Bio5**: there are 3 material variants: Bio1, Bio5 or PP*
***520**: With a width of 520 cm pulled apart, the largest possible area is obtained*
***C20**: Due to the cut length of 20 cm, the mesh size Ø is approx. 13 cm, net area approx. 85 m², (with C14 the cut length is 14 cm, the mesh size Ø approx. 9 cm, the net area approx. 75 m²) C20 is standard, C14 is for slope greening.*
***/6**: Thickness approx. 6 mm. For C20 there are 6 or 8 mm, for C14 there are 4- or 6-mm variants.*

### 2.1 LITE-**NET Standard** roll Bio1 C 20/6:

Net-shaped water storage nonwoven as vegetation aid, installed underground for conducting, distributing and temporarily storing water and air at the root level, cut from 100 % **biodegradable** wood-based cellulose needle nonwoven (approx. **600** g/m², thickness approx. **6** mm, pore content/water storage ≥ 85 %, **degradation time approx. 1-2 years**). Rootable drainage net with mesh size Ø approx. 13 cm, can be pulled apart to at least 5 times its width.

**Delivery form:**

a. Bio1 175 C20/6: **Net area max. 28 m²** with appr. 1,75 x 16,3 m.
roll with width appr.0,4 m, length appr.20 m, Ø ca. 0,35 m, weight appr. 4,8 kg.
b. Bio1 350 C20/6: **Net area max. 57 m²** with appr. 3,5 x 16,3 m.
roll with width appr.0,8 m, length appr.20 m, Ø ca. 0,35 m, weight appr. 9,6 kg.
c. Bio1 520 C20/6: **Net area max. 85 m²** with appr. 5,2 x 16,3 m.
roll with width appr.1,2 m, length appr.20 m, Ø ca. 0,35 m, weight appr. 14,4 kg.

## 2.2 LITE-**NET Standard** roll Bio5 C20/6:

Net-shaped water storage nonwoven as vegetation aid, installed underground for conducting, distributing and temporarily storing water and air at the root level, cut from 100 % **biodegradable/compostable** PLA needle nonwoven (approx. 70 % PLA + 30 % cellulose, approx. **500** g/m², thickness approx. **6 mm**, pore content/water storage ≥ 85 %, **degradation time approx. 5-10 years**). Rootable drainage net with mesh size Ø approx. 13 cm, can be pulled apart to at least 5 times the width.

**Delivery form:**

a. Bio5 175 C20/6: **Net area max. 28 m²** with appr.1,75 x 16,3 m.
roll with width appr.0,4 m, length appr. 20 m, Ø ca. 0,35 m, weight appr. 4,0 kg.
b. Bio5 350 C20/6: **Net area max. 57 m²** with appr.3,5 x 16,3 m.
roll with width appr.0,8 m, length appr. 20 m, Ø ca. 0,35 m, weight appr. 8 kg.
c. Bio5 520 C20/6: **Net area max. 85 m²** with appr.5,2 x 16,3 m.
roll with width appr.1,2 m, length appr. 20 m, Ø ca. 0,35 m, weight appr. 12 kg.

## 2.3 LITE-**NET Standard** roll PP C20/5:

Net-shaped water storage nonwoven as a **permanent** vegetation aid, installed underground for conducting, distributing and temporarily storing water and air at the root level, cut from PP - needle nonwoven (approx. **600** g/m², UV stabilized, thickness approx. **5 mm**, pore content/water storage ≥ 85%, pore opening width < 80 µm (EN ISO 12956), maximum tensile force ≥ 40 kN/m (EN ISO 10319)). Rootable drainage net with **mesh size Ø approx. 13 cm**, can be pulled apart to at least 5 times the width.

**Delivery form:**

a. PP 175 C20/5: **Net area max. 28 m²** with appr.1,75 x 16,3 m.
roll with width appr.0,4 m, length appr. 20 m, Ø ca. 0,35 m, weight appr. 4,8 kg.
b. PP 350 C20/5: **Net area max. 57 m²** with appr. 3,5 x 16,3 m.
roll with width appr.0,8 m, length appr. 20 m, Ø ca. 0,35 m, weight appr. 9,6 kg.
c. PP 520 C20/5: **Net area max. 85 m²** with appr. 5,2 x 16,3 m.
roll with width appr.1,2 m, length appr. 20 m, Ø ca. 0,35 m, weight appr. 14,4 kg.

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# 2.5 LITE-**NET Slope:**

Above-ground water storage and erosion protection as a vegetation aid in 2 sizes, 2 materials and 2 thicknesses

## 2.5.1 LITE-**NET slope** roll Bio1 C14/4:

Net-shaped water storage nonwoven as a vegetation aid and erosion protection for slopes, laid above ground to collect and store rainwater, cut from 100 % **biodegradable** wood-based cellulose needle nonwoven (approx. 330 g/m², **thickness approx. 4 mm**, pore content/water storage ≥ 85 %, **degradation time approx. 1-2 years**). Rootable drainage net with mesh size Ø approx. 9 cm, can be pulled apart to at least 5 times its width. Ideal in combination with spray greening.

**Delivery form:**

a. Bio1 350 C14/4: **Net area max. 50 m²** with appr. 3,5 x 14,3 m.
roll with width appr.0,8 m, length appr. 20 m, Ø ca. 0,35 m, weight appr. 5,3 kg.
b. Bio1 520 C14/4: **Net area max. 75 m²** with appr. 5,2 x 14,3 m.
roll with width appr. 1,2 m, length appr. 20 m, Ø appr. 0,35 m, weight appr. 7,9 kg.

## 2.5.2 LITE-**NET slope** roll Bio1 C14/6:

Net-shaped water storage nonwoven as a vegetation aid and erosion protection for slopes, laid above ground to collect and store rainwater, cut from 100 % **biodegradable** wood-based cellulose needle nonwoven (approx. 600 g/m², **thickness approx. 6 mm**, pore content/water storage ≥ 85 %, **degradation time approx. 1-2 years**). Rootable drainage net with mesh size Ø approx. 9 cm, can be pulled apart to at least 5 times its width. Ideal in combination with spray planting.

**Delivery form:**

a. Bio1 350 C14/6: **Net area max. 50 m²** with appr. 3,5 x 14,3 m.
roll with width appr.0,8 m, length appr.20 m, Ø appr. 0,35 m, weight appr. 9,6 kg.
b. Bio1 520 C14/6: **Net area max. 75 m²** with appr. 5,2 x 14,3 m.
roll with width appr.1,2 m, length appr. 20 m, Ø appr. 0,35 m, weight appr. 14,4 kg

## 2.5.3 LITE-**NET slope** roll Bio5 C14/6:

Net-shaped water storage nonwoven as a vegetation aid and erosion protection for slopes, laid above ground to collect and store rainwater, cut from 100 % **biodegradable/compostable** PLA needle nonwoven (approx. 70 % PLA + 30 % cellulose, approx. 500 g/m², **thickness approx. 6 mm**, pore content/water storage ≥ 85 %, **degradation time approx. 5-10 years**). Rootable drainage net with mesh size Ø approx. 9 cm, can be pulled apart to at least 5 times its width. Ideal in combination with spray greening.

**Delivery form:**

a. Bio5 350 C14/6: **Net area max. 50 m²** with appr.3,5 x 14,3 m.
roll with width appr.0,8 m, length appr.20 m, Ø ca. 0,35 m, weight appr. 8 kg.
b. Bio5 520 C14/6: **Net area max. 75 m²** with appr.5,2 x 14,3 m.
roll with width appr.1,2 m, length appr.20 m, Ø ca. 0,35 m, weight appr. 12 kg.

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# 3. LITE-**NET tree**:

Pre-assembled vegetation and distribution nets for tree new plantings in 2 sizes* and 3 materials for wrapping around root balls and/or for horizontal laying under the root ball:

Bio1

Bio5

PP

## 3.1 LITE-**NET tree** Bio1:

Ready-made drainage net for large-scale underground water and air supply of root balls, cut from 100 % **biodegradable** wood-based cellulose needle nonwoven (approx. 600 g/m², thickness approx. 6 mm, pore content/water storage ≥ 85 %, **degradation time approx. 1-2 years**).
**Delivery form:**

a. LITE-**NET tree** Bio1 L: Rootable nonwoven net with mesh size appr. Ø 10 cm for the wrapping of **root balls Ø up to max. 60/65 cm**, size max. 1,2 m² with appr.1,5 x 0,8 m.
b. LITE-**NET tree** Bio1 XL: Rootable nonwoven net with mesh size appr. Ø 13 cm for the wrapping of **root balls Ø = from approx. 60 cm**, size max. 2,8 m² with appr.1,75 x 1,6 m.

## 3.2 LITE-**NET tree** Bio5:

Ready-made drainage net for large-scale underground water and air supply of root balls, cut from 100 % **biodegradable/compostable** PLA needle nonwoven (approx. 70% PLA + 30 % cellulose, approx. 500 g/m², thickness approx. 6 mm, pore content/water storage ≥ 85%, **degradation time approx. 5-10 years**).

**Delivery form:**

a. LITE-**NET tree** Bio5 L: Rootable nonwoven net with mesh size appr. Ø 10 cm for the wrapping of **root balls Ø up to max. 60/65 cm**, size max. 1,2 m² with appr.1,5 x 0,8 m.
b. LITE-**NET tree** Bio5 XL: Rootable nonwoven net with mesh size appr. Ø 13 cm for the wrapping of **root balls Ø = from approx. 60 cm**, size max. 2,8 m² with appr.1,75 x 1,6 m.

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## 3.3 LITE-**NET tree** PP:

Ready-made drainage net for large-scale underground water and air supply of root balls, cut from durable PP needle nonwoven (approx. 600 g/m², UV stabilized, thickness approx. 5 mm, pore content/water storage ≥ 85%, pore opening width < 80 µm (EN ISO 12956), maximum tensile force ≥ 40 kN/m (EN ISO 10319)).

**Delivery form:**

a. LITE-**NET tree** PP L: Rootable nonwoven net with mesh size appr. Ø 10 cm for the wrapping of **root balls Ø up to max. 60/65 cm**, size max. 1,2 m² with appr.1,5 x 0,8 m.
b. LITE-**NET tree** PP XL: Rootable nonwoven net with mesh size appr. Ø 13 cm for the wrapping of **root balls Ø = from approx. 60 cm**, size max. 2,8 m² with appr.1,75 x 1,6 m.

# 4. Root protection nonwoven for construction sites (LITE-ROOTPROTECT):

## 4.1 root curtain:

Full-surface nonwoven as biodegradable construction site protection with water storage function in 2 widths:

**Root curtain, 330 g/m²:**
100 % **biodegradable** water storage and protection nonwoven for root curtains (pore content > 85 %, fiber thickness < 2 dtex, weight appr. 330 g/m², thickness min. 3.5 mm, maximum tensile strength lengthwise/crosswise > 190 N/5 (DIN EN 29073-3)). 100 % cellulose needle nonwoven without chemical additives.
Nonwoven can simply be poured over at the end of the construction site and supports irrigation and deep aeration for **approx. 1-2 years**.

***On request with center/edge flap for inserting irrigation tubes.***

**Delivery form:**

a. **Root curtain M**: roll with 80 cm width and 20 m length
b. **Root curtain L**: roll with 120 cm width and 20 m length

## 4.2 root bandage:

Nonwoven roll as biodegradable construction site protection with water storage function:

**Root bandage 330 g/m²:**
100 % **biodegradable** root bandage to protect exposed roots at construction sites.
Water storage needle nonwoven made of 100 % cellulose without chemical additives for moisture retention as well as mechanical and UV protection. Pore content > 85%, fiber thickness < 2 dtex, weight appr. 330 g/m², thickness min. 3.5 mm, maximum tensile strength lengthwise/crosswise > 190 N/5 (DIN EN 29073-3).
Nonwoven can simply be poured over at the end of the construction site. **Degradation time approx. 1-2 years**

**Delivery form**: 8 pieces rolls with width 10 cm and length 8 m
16 pieces rolls with width 10 cm and length 8 m

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# 5. BLUELITE-NET:

For **water-saving underground** irrigation of lawns, athletic fields, golf courses, green roofs, slopes, etc.
**(system consisting of 2 components, a distribution net and a nonwoven-covered drip tube laid on top of it):**

## 5.1 LITE-NET Standard roll PP (component 1):

**+**

## 5.2 BLUELITE-TUBE (component 2):

Nonwoven covered drip irrigation tube (Rivulis D5000 PCAS hose with 16 mm (13.8 / 15.83 mm), 0.5 - 3.5 bar, 40 mil (1.02 mm), 1.5 l/h, 30 cm dripper distance).

Protective nonwoven cover with water distribution function made of durable PP needle nonwoven (approx. 360 g/m², UV stabilized, thickness approx. 3.3 mm, pore opening width < 90 µm (EN ISO 12956)), maximum tensile force ≥ 25 kN/m (EN ISO 10319), width approx. 6 cm, for laying on LITE-**NET** drainage nonwoven mesh with spacing approx. 50 - 60 cm (if required, fastening by means of plug-in bracket).

**Roll length appr. 100 m.**

**or**

## 5.3 BLUELITE-COVER (component 2, without drip irrigation tube):

Protective and distribution nonwoven cover for drip irrigation pipes, made of durable PP needle nonwoven (approx. 360 g/m², UV stabilized, thickness approx. 3.3 mm, pore opening width < 90 µm (EN ISO 12956)), maximum tensile force ≥ 25 kN/m (EN ISO 10319), width approx. 6 cm, for insertion of own or individual irrigation tubes for laying on LITE-NET drainage nonwoven net with spacing approx. 50 -60 cm (if required, fastening by means of plug-in bracket).

**Roll length appr. 25 m.**

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# 6. LITE-**CUBES:**

Extra-small water storage cubes for long-term irrigation and aerification as well as for mixing into the spray irrigation slurry, in 3 material variants:

Bio1

Bio5

PP

## 6.1. LITE-**CUBES** Bio1:

Water storage nonwoven in cube form (approx. 12/12/6 mm) cut from 100 % **biodegradable** wood-based cellulose needle nonwoven (approx. 600 g/m², thickness approx. 6 mm, pore ratio/water storage ≥ 85 %, water storage capacity approx. up to 10 l/kg, **degradation time approx. 1-2 years**) for mixing into the substrate for growing pots or for spray planting.
Mixing ratio of approx. 5-10 % by volume for growing pots.

**Delivery form:** 5 x 50l, 250l or 1000l (appr. 60 kg)

## 6.2 LITE-**CUBES** Bio5:

Water storage nonwoven in cube form (approx. 12/12/6 mm), cut from 100 % **biodegradable/compostable** PLA needle nonwoven (approx. 70% PLA + 30 % cellulose, approx. 500 g/m², thickness approx. 6 mm, pore content/water storage ≥ 85%, water storage capacity approx. up to 10 l/kg, **degradation time approx. 5-10 years**) for sweeping into aerification holes, e.g. on golf courses or into slot drains on lawns.

**Delivery form:** 5 x 50l, 250l or 1000l (appr. 55 kg)

## 6.3 LITE-**CUBES** PP:

Water storage nonwoven in cube form (approx. 12/12/5 mm), cut from **durable**, reusable PP needle-punched nonwoven (approx. 600 g/m², UV stabilized, thickness approx. 5 mm, pore content ≥ 85%, pore opening width < 65 µm (EN ISO 12956), water storage capacity approx. up to 10 l/kg).
Mixing ratio of approx. 5-10 % by volume for green roofs.

**Delivery form:** 5 x 50l, 250l or 1000l (appr. 60 kg)

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## 7. **BLUE**LITE-**RING**:

For effective, uniform, protected and long-term underground irrigation.
For new plantings in combination with LITE-**NET tree**.

### 7.1 **BLUE**LITE-**RING:** Ready-made for trees

**BLUE**LITE-**RING**: Nonwoven-covered irrigation tube (3 outlet openings per m, appr.2l water per opening/h, tube diameter 16 mm) with water distribution function made of durable PP needle nonwoven (appr.360 g/m², UV stabilized, thickness appr.3.3 mm, pore opening width < 90 µm (EN ISO 12956)), maximum tensile force ≥ 25 kN/m (EN ISO 10319), width appr.6 cm, for covered laying around a tree trunk. **Ring diameter approx. 50 cm**.

**Sales unit:10 pcs.**

### 7.2 **BLUE**LITE-**TUBE** and **BLUE**LITE-**COVER:** Long rolls for individual cutting for new tree planting, with and without irrigation tube:

#### **BLUE**LITE-**TUBE**:

Nonwoven-covered irrigation tube (Rivulis D5000 PCAS hose with 16 mm (13.8 / 15.83 mm), 0.5 - 3.5 bar, 40 mil (1.02 mm), 1.5 l/h, 30 cm dripper distance) with water distribution function made of durable PP needle nonwoven (appr.360 g/m², UV stabilized, thickness appr.3.3 mm, pore opening width < 90 µm (EN ISO 12956)), maximum tensile force ≥ 25 kN/m (EN ISO 10319), width appr.6 cm, for covered laying around or along trees.

**Roll length: 100 m**.

#### **BLUE**LITE-**COVER:**

Protective and distribution cover made of durable PP needle fleece (approx. 360 g/m², UV-stabilised, thickness approx. 3.3 mm, pore size < 90 µm (EN ISO 12956)), maximum tensile strength ≥ 25 kN/m (EN ISO 10319) , width approx. 6 cm, for inserting your own or individual irrigation pipes and then laying them covered around or along trees.

**Roll length: 100 m.**

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# PRODUCT RECOMMENDATIONS:

| | TREES | | | | SLOPES | | | ATHLETIC FIELDS & LAWNS | | | FRUIT & VITI-CULTURE | | GREEN ROOFS | | RAISED PLANTING BEDS & TROUGH PLANTERS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GROWING | LONG-TERM | IRRIGATION | LARGE TREE-TRANSPLANTATION | GROWING | LONG-TERM | IRRIGATION | GROWING | LONG-TERM | IRRIGATION | LONG-TERM | IRRIGATION | LONG-TERM | IRRIGATION | 1 YEAR | LONG-TERM | IRRIGATION |
| **LITE-STRIPS** | | | | | | | | | | | | | | | | | |
| Bio1 | ● | | | | ● | | | ● | | | | | | | ● | | |
| Bio5 | ● | ● | ● | | ● | ● | | ● | ● | | ● | | | | | ● | ● |
| PP | | ● | ● | | | ● | ● | | ● | ● | ● | ● | ● | ● | | ● | ● |
| **LITE-NET TREE** | | | | | | | | | | | | | | | | | |
| Bio1 | ● | | | ● | | | | | | | | | | | ● | | |
| Bio5 | ● | ● | ● | ● | | | | | | | ● | | | | | ● | ● |
| PP | | ● | ● | ● | | | | | | | ● | | | | | ● | ● |
| **LITE-NET C14** | | | | | | | | | | | | | | | | | |
| Bio1 | | | | | ● | | | | | | | | | | ● | | |
| Bio5 | | | | | ● | ● | | | ● | | | | | | | ● | |
| **LITE-NET C20** | | | | | | | | | | | | | | | | | |
| Bio1 | ● | | | ● | | | | | | | | | | | ● | | |
| Bio5 | | | | | | | | | | | | | | | | ● | ● |
| PP | | ● | ● | ● | | ● | ● | | ● | ● | ● | ● | ● | ● | | ● | ● |
| **BLUELITE-NET** | | | | | | | | | | | | | | | | | |
| COVER | | | ● | | | | ● | | | ● | | ● | | ● | | | ● |
| TUBE | | | ● | | | | ● | | | ● | | ● | | ● | | | ● |
| RING | | | ● | | | | | | | | | ● | | | | | ● |

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