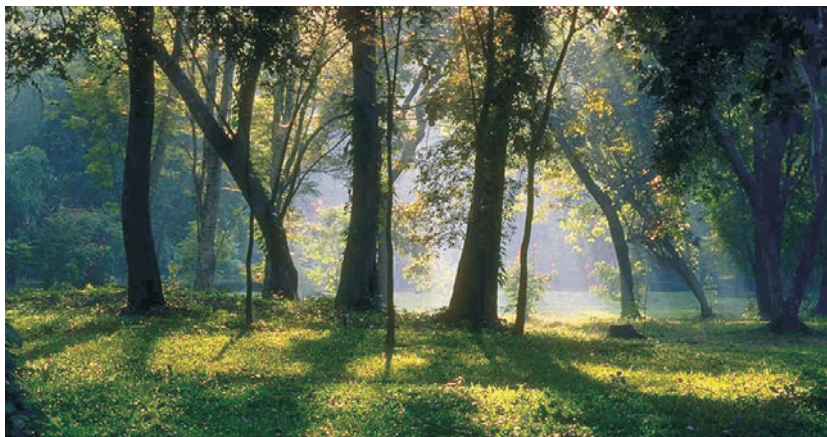


LITE-NET

Aeration and Irrigation Systems for Plant Holes



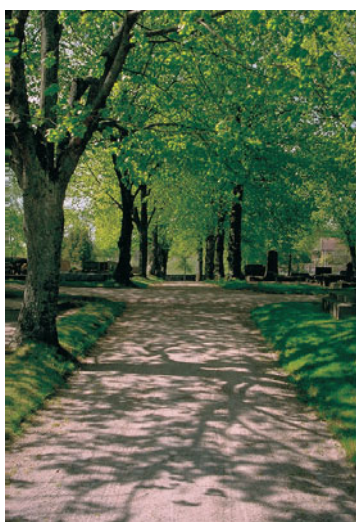
Vegetation Net

LITE-NET nonwoven nets are used for **aeration and irrigation** of trees, especially when young trees are planted. They are simply laid out in the plant hole prior to the installation of the root bale, in a way that they are connected with the surface. From there, air and water is sucked in and distributed around the root bale.

The extremely flexible nets consist of a long-term resistant nonwoven geotextile with approx. **90% voids content**. Therefore they can discharge air and water easily, and additionally act as water storage medium.

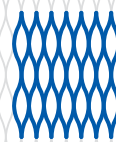
Tree Root Net

LITE-NET **Tree Root Net** also provides permanent **aeration and irrigation** of trees. They are placed over a **larger area** in the plant hole also in a way to they get contact with the surface.



The void volume of each vertical side of the nonwoven net corresponds to the cross-section of a DN 100 pipe.

Due to the elasticity of the nets the surrounding soil is not compacted completely. In addition passing vehicles „pump“ air into the soil.



LITE-SOIL

All in ONE: Air-Soil-Water

Lite-Soil GmbH

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A-1070 Vienna

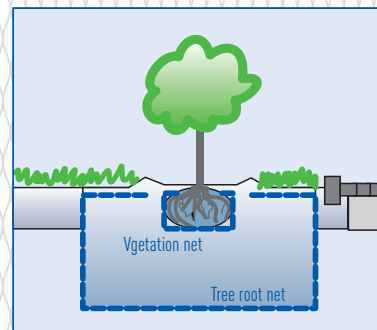
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The Benefits

- Water distribution over a large area
- Highly cost effective
- Quick and easy installation
- No buckling or blocking



Technical Data

| | Vegetation Net | Tree Root Net |
|---------------|---------------------------|-----------------------|
| Material | PP/wood | PP |
| Thickness | 8 mm | 8 mm |
| Weight | 1000 g/m ² | 1000 g/m ² |
| Size | 1,5x1,5 m (0,45x1,5 m) | 5x4 m (5x1,2 m) |
| Water storage | appr. 6 l | appr. 44 l |