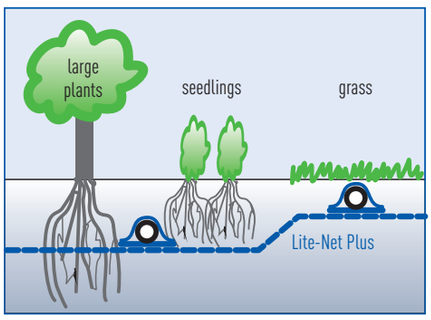
Lite-Net Plus
Innovative Underground Irrigation Systems

Our Lite-Net Plus irrigation system has been developed for the underground irrigation of athletic fields, green roofs and lawns to safe both water and money.

Lite-Net Plus consists of an **irrigation pipe** which feeds the water into a nonwoven **distribution net** which spreads water extensively and consistently at the root level. The voluminous nonwoven net consists of up to 90% interconnected air voids to masterfully retain and feed water.

Underground irrigation blocks evaporation, felting and waterlogged soil. As a result, irrigation is possible at all times even when the area is in use.

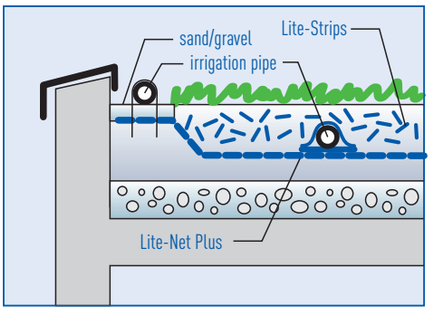
Due to the **open** and **flexible** design of the net, there is no barrier effect whatsoever. In other words, plant roots may easily grow through the net and anchor themselves around the net. Therefore 100% of the water retained in the nonwoven is accessible to the plants (up to 10 l/m² depending on the application).



Plant roots may easily grow through the Lite-Net!

The nonwoven **Lite-Net Plus** can be placed in soil at any depth to best meet plant needs. This includes placing **Lite-Net Plus** in many formations or layers.

The result: a wide variety of plants are provided with the air and moisture they need to grow and thrive.



Lite-Net Plus for green roofs

LITE-SOIL
All in ONE: Air-Soil-Water

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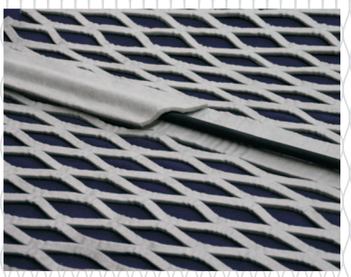
Key Advantages

- Extensive distribution of water without evaporation
- Simple installation at any soil depth
- Cost-effective and long-lasting
- Retains water without restricting roots
- Reduced water consumption up to 70%



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