



LITE-SOIL

All in ONE: Air-Soil-Water

Tender texts revegetation for slopes

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:

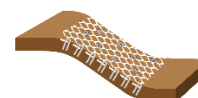
		weight	thickness
BIO1	WOOD FIBER (100% cellulose fibers) 100% biodegradable after about 1-2 years	330 g/m ²	4 mm
		600 g/m ²	6 mm
BIO5	PLA (70% PLA + 30% cellulose fibers) 100% biodegradable/compostable after approx. 5-10 years	500 g/m ²	6 mm

			Bio1		Bio5
LITE-NET *			4 mm	6 mm	6 mm
LITE-NET Slope (Roll C14 = meshes Ø 9 cm)					
350: 3,5 x 14,3 m	50 m ²	7/12/10	X	X	X
520: 5,2 x 14,3 m	75 m ²	10/17/14	X	X	X

* 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%).

LITE-NET slope:

Above-ground laid, net-shaped water storage and erosion protection. as a vegetation aid in 2 sizes, 2 materials and 2 thicknesses, especially for vegetation growth on slopes with a mesh size of 9 cm (standard: 13 cm), ideal in combination with spray irrigation.



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:

- 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.
- 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.

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Status July 2026, **other sizes and materials on request**





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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 greening.

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.

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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