

Turf reinforcement solutions: UV stable Netting



SodNet™

Turf reinforcement

For over two decades, a growing number of turf producers have been relying on Conwed SodNet™ for turf reinforcement. From the critical early stages of turf growth, right through harvest and beyond, growers can count on SodNet™.

SodNet™ products allow grass seedlings to germinate and grow while the roots intertwine with durable mesh resulting in a uniformly strong structure. Because of a stronger root system, growers can harvest earlier with generally thinner slabs maximizing land utilization.

Early harvesting creates a number of benefits for growers. First, with an early harvest, growers are able to grow twice as much product in one area. Second, growers benefit by reducing waste. Waste is reduced by using less water to irrigate crops, less chemicals and fertilizer to care for the crops, and less fuel for the tractors to cultivate crops. Up to 50% can be saved on turf growing inputs simply by applying net to the seed bed.

Why SodNet™?

- ▶ Increased crop turnover
- ▶ Reduced waste
- ▶ Higher profits
- ▶ Lower input costs

Why Conwed Turf Reinforcement?

- ▶ Short lead times
- ▶ On-time delivery
- ▶ Consistent quality
- ▶ Widest net widths
- ▶ Continued innovation to meet customers' needs
- ▶ Partnership with turf farmers

SodNet™

Article #	Roll width	Roll length	Core Size
RO4035-8000	5,26 m	6096 m	8"

SodWrap™

SodWrap™ „Big Roll“ Reinforcement:

SodWrap™ is applied during harvest to reinforce „big rolls“. The complete roll is wrapped to protect during installation, minimize turf loss, and maintain roll quality. Wrapping rolls reduces loss during transportation and helps protect against weather. SodWrap™ can remain on rolls or be removed during installation based on customer's needs.

In addition, SodWrap™ helps save you time and money. Installations are up to 25% faster than slab methods with reduced waste on the job site.

Why SodWrap™?

- ▶ End-to-end coverage for total reinforcement
- ▶ Consistent uniform quality
- ▶ Faster installation / reduced labor costs
- ▶ Reduced job site / harvesting waste



SodWrap™

Article #	Roll width	Roll length	Core Size	Rolls per pallet
RO4035-9004	0,50 m	3000 m	4"	18
RO4035-8001	0,58 m	3658 m	4"	18
RO4035-8002	1,00 m	3658 m	4"	9
RO4035-8015	1,20 m	3658 m	4"	9

Alternative roll dimensions upon request

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CONWED®
GLOBAL NETTING SOLUTIONS

Turf reinforcement solutions: Degradable Netting



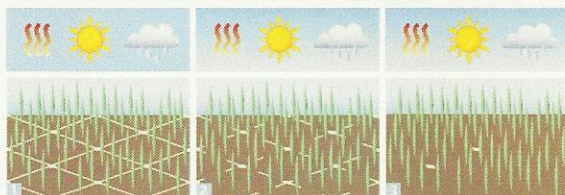
Turf reinforcement

It improves transplantation of turf grass from the sod farm to the end user. However, farmers and consumers are concerned that the netting will remain in the soil and cause changes to the soil composition.

Conwed therefore developed **OxyGrid™** using a controlled degradation technology introduced into the netting during the manufacturing process. Incorporated in the netting, it will promote degradation by light, heat and moisture conditions. The role played by the additive is to speed up the degradation after the useful life of the netting.

The result of this degradation is the loss of mechanical properties, embrittling and breaking down of the netting, due to a reduction of the average molecular weight of the polyolefin chains into shorter and fragmented molecules.

Plastics like **OxyGrid™** with controlled degradation will not release any toxic material during or after degradation - and will consequently not affect soil composition following the norm: CEN 13432, Japanese Greenpla, US ASTM D 6400 or DIN 54 900.



Process of controlled degradation

Turf grass with **OxyGrid™** Degradable Netting is transplanted from sod farm to the consumers' land.

Over time, the netting becomes brittle and breaks down via heat, sunlight and moisture.

The degraded netting will be further broken down by micro-organisms (e.g. bacteria, fungi, etc.)

OxyGrid™

Article #	Roll width	Roll length	Core Size
RO4035-8300	5,26 m	6096 m	8"

Benefits of OxyGrid™

For the Turf Farmer:

- ▶ Increased productivity (up to 2x harvest)
- ▶ Able to cut turf thinner and lighter
- ▶ Improved handling of rolls
- ▶ Reduced waste (fewer broken rolls)
- ▶ Grow varieties with lesser developed root system
- ▶ Optimizes usage of annual crops

For the Consumer:

- ▶ User-friendly handling
- ▶ Turf available in larger widths
- ▶ Easier installation
- ▶ No curling
- ▶ Cleaner, more uniform results
- ▶ Grass available earlier in season
- ▶ Degrades in soil without changing soil composition



OxyWrap™ „Big Roll“ Reinforcement:

OxyWrap™ is applied during harvest to reinforce „big rolls“. The complete roll is wrapped to protect during installation, minimize turf loss, and maintain roll quality. Wrapping rolls reduces loss during transportation and helps protect against weather. **OxyWrap™** can remain on rolls or be removed during installation based on customer's needs.

In addition, **OxyWrap™** helps save you time and money. Installations are up to 25% faster than slab methods with reduced waste on the job site.

AND... since it degrades through light, heat and moisture conditions, there's no waste to clean after usage.



OxyWrap™

Article #	Roll width	Roll length	Core Size	Rolls per pallet
RO4035-9301	0,61 m	3658 m	4"	18
RO4035-9304	1,22 m	3000 m	4"	8
Alternative roll dimensions upon request				

How to store OxyGrid™ - OxyWrap™?

- ▶ Rolls need to be kept wrapped in the original black & white sheet; this heavy thick film will help protect the netting against possible tearing and blocks light and heat penetration.
- ▶ Rolls should always be kept dry, out of the sun and far from heat sources. Ideally they should be stored indoors at temperatures not to exceed 30°C (86°F). Degradation will accelerate at temperatures above 30°C (86°F).
- ▶ Avoid stacking rolls just under roofs where temperatures are the highest.
- ▶ In case of partial use of the netting, re-wrap the unused portion of the rolls back into its original packaging to avoid air circulation.

Disclaimer: OxyGrid™ / OxyWrap™ netting degrades as a function of temperature, humidity and light. The lifetime of the netting is given as our best estimation on the basis of results and experience. Conwed will continue to collect data and will make these results available for users of OxyGrid™ / OxyWrap™ degradable netting. Because it is impossible to be aware of the specific situation faced by any user or control the operations of the user, as well as the nature of the degradation process itself, Conwed cannot be held responsible for the specific timing of degradation in the actual application.