

 TENCATE

Aquagrid

INDUSTRIAL FABRICS
Aquaculture

Aquagrid™ Nets



Protective & Outdoor Fabrics
Aerospace Composites
Armour Composites

Geosynthetics
Industrial Fabrics
Synthetic Grass

 **TENCATE**
materials that make a difference

The Net for Farming, Not Fishing

Aquagrid™ Nets Were Designed for Today's Fish Farms.

Traditional nylon and polyester nets are designed to catch fish, not contain them. Aquagrid™ semi-rigid mesh is the first net created specifically for the needs of today's fish farming.

Aquagrid™ nets have the strength, low maintenance, and predator protection needed to lower your cost per pound of production.

Proven Stronger Than Conventional Netting

ASTM testing indicates that Aquagrid™ semi-rigid netting is up to 100% stronger than comparable nylon netting.* In addition, its unique PVC coating dramatically reduces cleaning costs, and its longevity means that overall costs per cage are much lower than nylon nets.

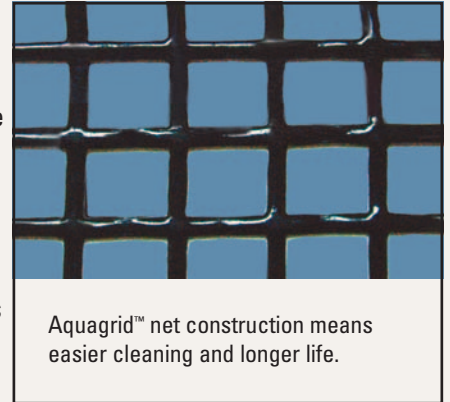
Aquagrid™ nets are available in three aperture sizes and have a strength rating designed for low to medium energy environments.

*Aquagrid™ is a grid product, has no knots, and is tested using internationally recognized ASTM 6637 for grid materials.

Accredited In Norway

Noomas Sertifisering, an accreditation company authorized by the Norwegian government, issued the NS 9415 certificate to TenCate, manufacturer of Aquagrid™ nets, which allows the nets to be used in all square and circular cage classes of aquaculture operations in Norway.

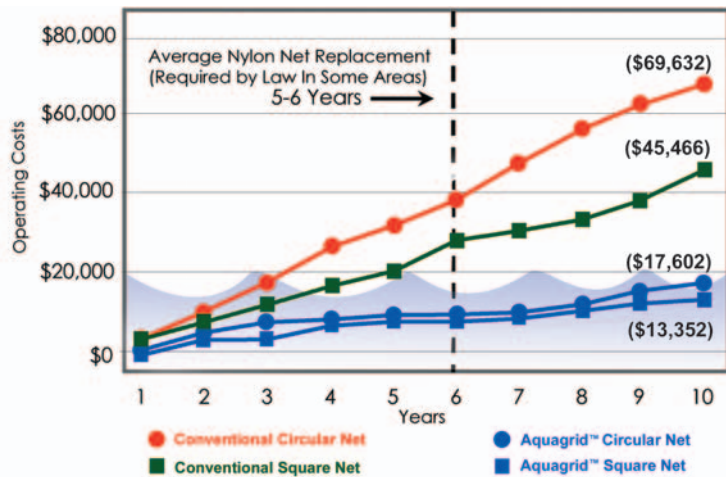
The Norwegian government created these standards and certificates to increase overall integrity of the fish farm operation, with a focus on prevention of farmed fish escapes. The certification addresses the quality of the nets, the design of the cages, and the installation and operation of the fish farm sites.



In addition, the NS 9415 certification will be used as a standard model for other countries' aquaculture qualification programs.

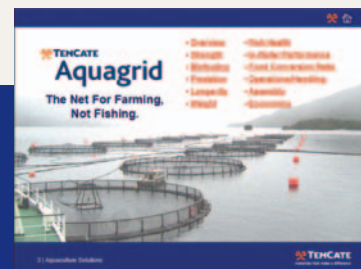


Net Operating Costs: Conventional Vs. Aquagrid™ Nets



Ten Advantages of Aquagrid™ Nets

- 1. Strength.** The construction method for Aquagrid™ netting is entirely different than conventional netting. Aquagrid™ nets can be up to 100% stronger than traditional nylon nets and are manufactured especially for the dynamics of fish farming applications.
- 2. Reduced Biofouling.** The smooth surface significantly reduces biofouling, because microorganisms can't attach as well as with nylon. Your husbandry maintenance costs go down.
- 3. UV Resistance.** Special UV-resistant coated surface is designed to hold up year after year. The coating also prevents some species (cod, tilapia, and sea bream) from pulling at loose strands and fraying the net. It also eliminates water absorption, which keeps the Aquagrid™ net lighter.
- 4. Easier Cleaning.** Aquagrid™ nets are designed to be cleaned in the water (where regulations allow). Microorganisms are easily removed with rotary cleaners or high pressure water spray. In-water cleaning is just one way Aquagrid™ nets reduce labor costs. In addition, Aquagrid™ nets do not require an antifoulant coating. That not only saves money—it's better for the environment.
- 5. Better Predation Protection.** Tough polyester fiber is woven into semi-rigid bands, so predators like seals and sea lions find it extremely difficult to bite through. Losses from "break-ins" are greatly reduced.
- 6. Better Water Flow.** Tight fiber bundles and the smooth PVC coating reduce drag for better water flow, improved oxygen levels, and less net movement which reduces stress on the fish. Handling can be simplified so less manual labor is involved.
- 7. Simple Fabrication.** Traditional lacing/machine sewing or high pressure hot air welding are options. Bonds between net sections can be stronger than nylon. Repairs are also easy and can be done in or out of the water. They can even be done with hog rings or zip-ties.
- 8. Grazing Action Protection.** The coating also prevents fiber deterioration from the grazing action of microbiological feeders, so your Aquagrid™ net lasts longer.
- 9. Delicate Species Protection.** The smooth supple surface helps protect delicate species from injury or stress, so you don't lose growth.
- 10. Longer Life.** Aquagrid™ nets last longer, so your overall costs are reduced.



See Our Presentation

Want to know more about how Aquagrid™ nets can reduce costs, cut escapes, and improve productivity?

A new CD from TenCate Aquagrid covers all aspects of the product, and explains its advantages over traditional nylon netting. The semi-rigid Aquagrid™ net is the first net designed specifically for fish farming, not just fishing, and it offers benefits in durability, cleaning, predation control, and even fish health.

The presentation also covers another product. Geotube® dewatering technology has applications for fish processing, cage bottom cleanup, and even net washing.

For a copy of the presentation, contact TenCate Aquagrid at www.aquagrid.com or by calling 706-693-2226, ext. 1785.

TenCate develops and produces materials that function to increase performance, reduce cost, and deliver measurable results by working with our customers to provide advanced solutions.

TenCate Geosynthetics N. America

365 South Holland Drive
Pendergrass, GA 30567
USA
Tel 706 693 2226 x1785
Fax 706 693 4400
Email: don@aquagrid.com

TenCate Geosynthetics Europe

Sluiskade NZ 14
Postbus 236
7600 AE Almelo
The Netherlands
Tel +31 546 544811
Fax +31 546 544490
Email: jw.heezen@tencate.com

TenCate Geosynthetics Asia Sdn Bhd

14, Jalan Sementa 27/91, Seksyen 27,
40400 Shah Alam
Selangor Darul Ehsan
Tel +60 3 5192 8568
Fax +60 3 5192 8575
Email: info.asia@tencate.com

TenCate Australia Pty Ltd

83 Batten Street
North Albury NSW
Australia 2640
Tel +612 6025 8671
Toll free 1 800 822 248
Fax +612 6025 0129
Email: info@tencate.com.au

365 South Holland Drive
Pendergrass, GA 30567

Tel 706 693 2226 x1785
Fax 706 693 4400

www.aquagrid.com




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