

AQUACULTURE



CREATING CLEVER, PROTECTIVE & SUSTAINABLE TEXTILE COVERS FOR AQUACULTURE

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We design and manufacture a range of tarpaulin products for the aquaculture industry. All our products are made from high-grade materials which are high frequency welded, along with rot-free stitching, which allows our products to be applied in even the most harshest environments.

We are the sought after people when it comes to the provision of clever, sustainable & protective covers for the aquaculture industry. Our protective cover solutions are vital to any company trying to protect their high value assets at sea, companies in the fish farm industry or protection of high value assets, be it in the South Atlantic or the Baltic.

Applications include:

- ✓ Sea-lice skirts
- ✓ Fresh water tow-bags
- ✓ Fresh water storage tarpaulins
- ✓ Fresh water treatment tarpaulins
- ✓ Padded protectors
- ✓ Silt curtains
- ✓ Parasite barrier screens
- ✓ Feed waste cones
- ✓ Disinfectant mats
- ✓ Harvest tents
- ✓ Lice filter bags
- ✓ Wrasse hides and curtains
- ✓ Cage anti-mortality padding
- ✓ Weather protection covers
- ✓ Electrical weather proof covers
- ✓ Wind skirts
- ✓ Closed bag technology
- ✓ Feed covers
- ✓ Tank covers



Sea Lice Skirts

Lice infestation is a huge challenge to fish farmers which has costly effects. The deployment of durable lice skirts is a proactive measure that can aid in the removal of this serious threat within the aquaculture industry.

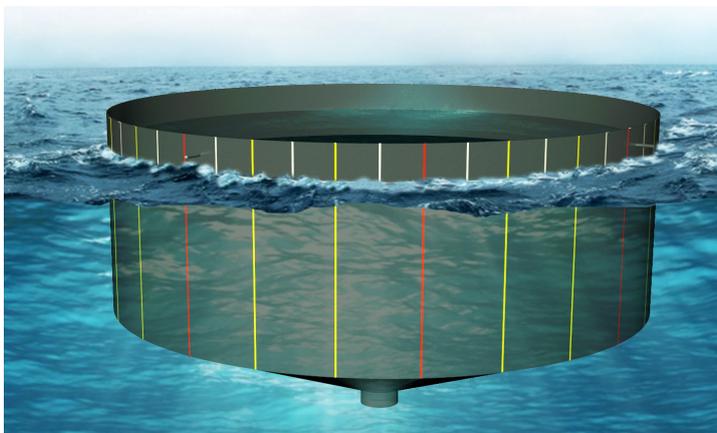
Cunningham Covers create custom lice skirts for fish farms in any shape or size you require. Our bespoke lice skirts are extremely durable and suited to withstanding harsh marine environments.

- ✓ Heavy-duty materials
- ✓ Aids in reducing sea lice infestation
- ✓ Permeable fabric
- ✓ Lessens the use of chemicals in delousing
- ✓ Shipped worldwide



Closed Cage Containment System

Closed cage containment system technology is a method that is currently used in stage growing of fish such as trout or salmon at sea in their first 6 months. Due to the advantages of this method of farming (outlined below) and advances in the technology, it is regarded as a more responsible alternative to net-cage aquaculture.



- ✓ Eliminates risk of gill amoeba
- ✓ Advantage of containing waste.
- ✓ Eliminates lice larvae
- ✓ When water is filtered in bag, it will eliminate the risk of phytoplankton bloom.

Water Treatment Tarpaulins

We have experience supplying a variety of water treatment bags to the fish farm industry, each meeting their individual specifications. We understand that when it comes to the fish farm industry there is not simply a one size fits all answer. We discuss your requirements to ensure we create solutions for your fish farm problems with our made to measure water treatment bags.

We have created bags that aids in the treatment of various species of fish .A water treatment bag is a precaution that if used in time, can save fish farmers huge expenses from losing fish unnecessarily.

- ✓ Durable, heavily reinforced PVC
- ✓ Quality materials made to be immersed in water
- ✓ Manufactured and delivered to your timeframes
- ✓ Available with inflatable top edge for control and extra safety
- ✓ Can be used within large pen to treat fish
- ✓ Custom-made to any size and specification you require



Wrasse Hides

Introducing wrasse into fish farming has seen the need for production of a form of natural habitat for these fish to carry out their cleaning job. Cunningham has developed wrasse hides and curtains to mimic kelp for these fish. We can produce wrasse hides and curtains to suit any cage or requirement.

- ✓ Heavy-duty materials
- ✓ Rot-free stitching
- ✓ Mimics kelp for fish habitats
- ✓ Permeable fabric
- ✓ Made to suit any cage



Sea-Croc tow-bag

Cunningham have designed and engineered our unique and inventive method of transporting fresh water. Our 'Sea Croc' is designed specifically to store and tow large volumes of liquid, For example it have been used to tow freshwater to site for treating fish for (Amoebic Gill Disease) AGD.

The Sea Croc is made from a very strong , special polyester with a hard protective coating ;against abrasion and UV. The Croc has anchor points on complete length of croc. It also has up to 5 loading/dispatch points and 2 inspection hatches. Our bags can be towed up to 6 Knots when at full capacity and 20 Knots when empty.

The Cunningham Sea-Croc can hold and tow up to 500m³ of liquid. Applications where the Cunningham Sea-Croc can be used include; storing and tow freshwater to site on fish farms, towing large volumes of oil, transporting freshwater to drought-stricken locations.



Figure 1. Croc being loaded alongside fish-farm



Figure 2. Croc being towed



Phytoplankton barrier curtains/nets

Phytoplankton barrier curtains or nets act as a barrier or fence around the fish farm or pen to prevent harmful algae bloom and jellyfish from contaminating the fish being farmed. These curtains/nets act as a shield around the pen to prevent phytoplankton.

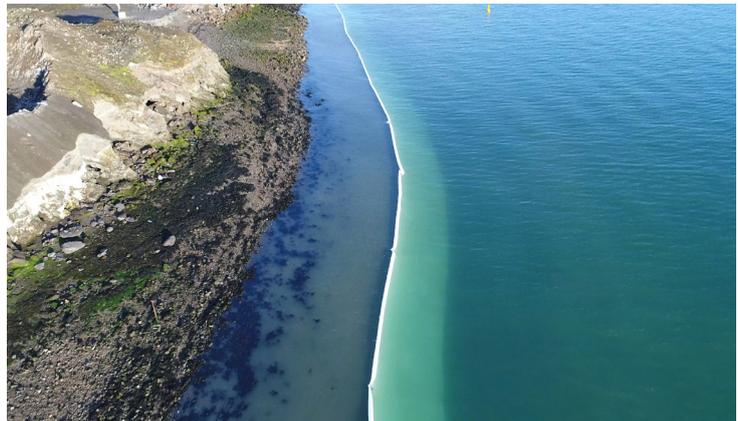
- ✓ Prevent the spread of harmful algae bloom and jellyfish.
- ✓ Reduces the need for antibiotics and chemical treatments.
- ✓ Reduce the spread of sea lice larvae.
- ✓ Made from permeable fabric to allow water to flow

Can be hung from pen or a floatation device can be used (similar to silt curtains).

Silt Curtains

Silt curtains, or turbidity curtains are used to control and contain disrupted waterborne sediment in waterways during work such as coastal or marine dredging, excavation, marine construction or repair, civil works and pile driving.

- ✓ Reinforcement throughout
- ✓ Special surface finish
- ✓ Specially designed and coated PVC – our specially designed and coated PVC will outlast alternatives and prevent contamination
- ✓ High frequency welding for strength



Innovative and diverse, bespoke solutions

Cunningham are constantly researching, innovating and trialling new products and textiles that will assist in sustainable aquaculture. We have the ability to create a wide range bespoke solutions for the aquaculture industry from our 150,000 square feet of manufacturing facilities.



New Technology & Innovation

We offer a wide range of tarpaulin solutions to the aquaculture industry. Due to our large wealth of knowledge in the aquaculture industry, we can offer consultations and site visits to allow us to create a completely bespoke and superior solution for you.



Talk to our Technical Team today

For further technical details and individual project guidance, contact us by phone or email.



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Get in touch

Would you like further technical details and individual project guidance?

Please contact us using the details below.

We look forward to speaking to you!

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