



Aquacon 345

Polyfabric

FLOATING COVERS

ALGAE & AQUACULTURE PONDS AND TANKS

DAM, POND AND CHANNEL LINERS



Aquacon™ 345 is a premium polyethylene scrim reinforced polyfabric, specifically designed for **floating cover and liner applications**.

Lightweight, flexible and durable Aquacon™ 345 exhibits class leading welding characteristics, providing effective and efficient field welding performance, ideal for in-factory fabrication and deployment on-site.

The high strength woven HDPE scrim reinforcement and engineered UV-stabilised polyethylene coatings provide outstanding puncture and abrasion resistance to withstand the harshest of installation and environmental conditions.



- Light weight polyethylene enables large liner sections to be prefabricated for speedy installation on-site
- Woven scrim reinforcement provides dimensional stability and high puncture, tear and tensile performance properties
- Engineered polyethylene coatings provide superior abrasion resistance, UV-resistance and excellent chemical resistance
- GALE Pacific's advanced coating technology results in excellent welding and layflat characteristics for easy pre-fabrication and efficient in-field installation
- Flexible coating requires no polymeric or liquid plasticisers, eliminating chemical leaching
- 100% recyclable material ensures minimal impact on the environment with no chlorine or heavy metals in the product

Properties

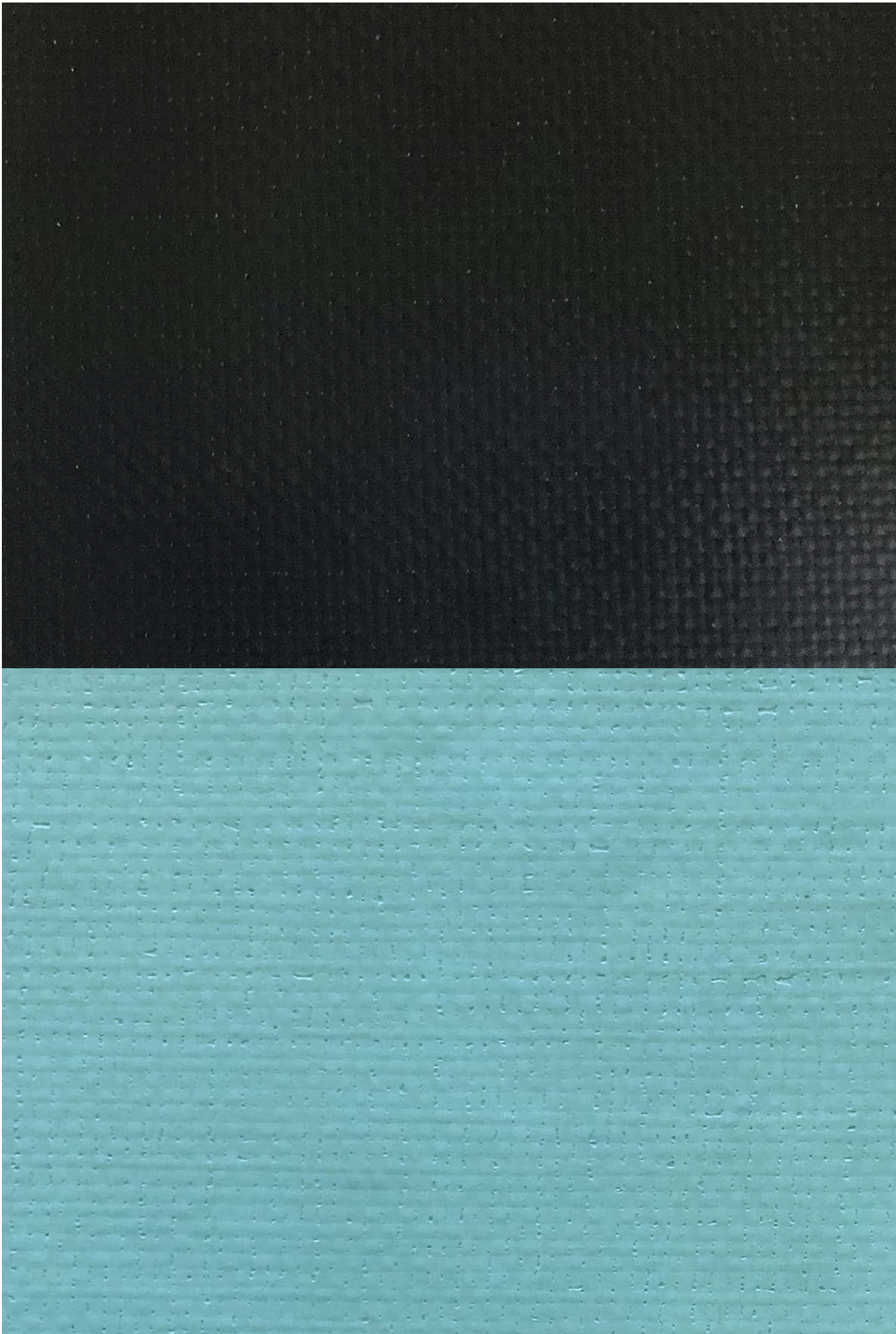
Nominal fabric mass	345gsm ± 10
Thickness (mean) (mm)	0.45mm
Roll length (m)	Jumbo (1,200 – 1,400m)
Roll width (m)	2.05 width

Performance

Tensile strength - warp	1516N / 50mm
Elongation at break - warp	19.5%
Tensile strength - weft	1485N / 50mm
Elongation at break - weft	20.5%
Wing tear - warp (mean)	135N
Wing tear - weft (mean)	137N
Bursting strength	3300kPa
Hydrostatic pressure (mean)	>250kPa

Applications

- Floating covers
- Algae & aquaculture ponds and tanks
- Dam, pond and channel liners
- Agriculture pits and ponds
- Bunding, baffle curtains and containment booms
- Biogas containment
- Tank liners





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