

Aquacon™ 345 is a premium polyethylene scrim reinforced coated fabric, 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 production of the product

### Properties

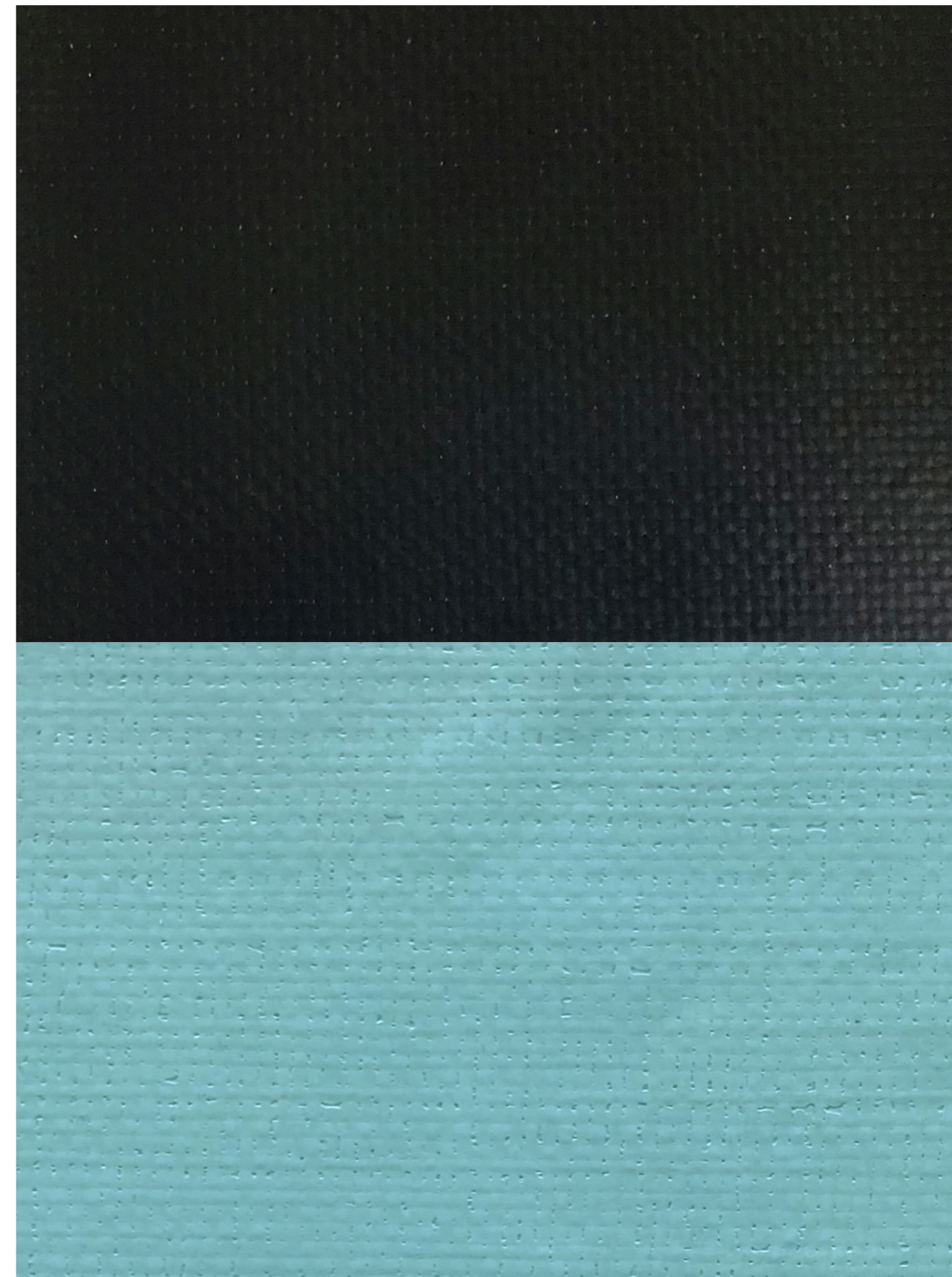
|                     |                     |
|---------------------|---------------------|
| Nominal fabric mass | 345gsm              |
| Nominal thickness   | 0.45mm              |
| Roll length (m)     | Jumbo (1,200–1,400) |
| Roll width (m)      | 2.05 width          |

### 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      |
| Warranty                    | 10 years     |

### 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



Black / Ice Blue - 2.05m 492601

\*The results listed in this brochure are typical averages from independent testing and quality assurance testing and are not to be taken as a minimum specification nor as forming any contract between GALE Pacific and another party. Due to continuous product improvement, refer to the GALE Pacific Commercial Fabrics website for latest technical performance information.

Please note, due to limitations of the printing process, colours pictured may not represent the true colour





# Aquacon 345

Coated Fabric

FLOATING COVERS

ALGAE & AQUACULTURE PONDS AND TANKS

DAM, POND AND CHANNEL LINERS



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