

**FEATURES & BENEFITS** 

# **PRODUCT PROFILE**

Rev. 4 4/19



Aquacon<sup>™</sup> 345 is a high-quality Polyethylene based polyfabric designed for liner and floating cover applications. The material has been designed to have high UV durability, high water resistance and excellent strength. Aquacon<sup>™</sup> 345 supplied in 50m and bulk rolls.

### FABRIC PROPERTIES

Polyethylene coating applied using GALE's Advanced Coating Technology™ for class leading welding and layflat characteristics

- Heavy duty fabric with UV stabilised coating & UV stabilised base cloth for long service life
- High levels of coating adhesion for improved weld strength and ease of welding
- Inherently flexible coating does not require polymeric or liquid plasticizer, which can leach out in inferior products
- Dirt repellent proprietary LDPE coating
- · Ideal of liner and floating cover applications
- Superior strength to weight ratio, flexibility and layflat characteristics, result in a material that is easier to handle, fabricate and install
- 100% recyclable material
- 100% Lead and Phthalate Free
- Full 10 year warranty against UV degradation
- Manufactured in accordance to ISO9001:2015
- Developed and Coated in Australia

#### **USAGE INSTRUCTIONS**

Suitable for hot air and hot wedge welding. Not suitable for high frequency welding. Do not use against flames.

Contact with organic solvents, halogens or highly acidic substances may reduce the service life of the fabric and void the warranty.

Liner is not guaranteed to be 100% light block-out.

#### Nominal Fabric Mass (AS2001.2.15-1989) Determination of Thickness Thickness (mean) : Temperature range:

345 gsm + / - 20

0.45mm -40°C to +70°C

## PERFORMANCE

(AS 4878.6-2001) Breaking Force and Elongation at Break – Method 1	
Breaking Force – warp:	1516 N/50mm
Elongation at break – warp:	19.5 %
Breaking Force – weft:	1485 N/50mm
Elongation at break – weft:	20.5 %

(AS 4878.7-2001) Tear Resistance - Single Tear - Method A2 Wing Tear – warp (Median): 135 N Wing Tear – weft (Median): 137 N

(AS 4878.5-2001) Bursting Strength – Hydraulic Diaphragm Method Bursting Strength (mean): 3300 kPa

(AS 2001.2.17-1987) Resistance to Water Penetration Hydrostatic Pressure Test (mean): >250 kPa

(AS 4878.9-2001) Resistance to Damage by Flexing (Schildknecht

Flex Crack Resistance:

Method)

< 200,000 cycles





 P 1800 331 521
 F +61 3 9518 3398

 P +971 4 881 7114
 F +971 4 881 7167

 P 1800 560 4667
 F +1 407 772 0553



www.galecommercial.com

The above results are typical averages from 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 product specifications are subject to alteration without notice. As the use and disposal of this product are beyond GALE Pacific's control, regardless of any assistance provided without charge, GALE Pacific assumes no obligation or liability for the suitability of its products in any specific and use application. It is the customer's responsibility to determine whether GALE Pacific's products are appropriate for the specific application and complies with any legal & patent regulations.