



Aquacon™ 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™ 345 supplied in 50m and bulk rolls.

## FEATURES & BENEFITS

- 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.

## FABRIC PROPERTIES

Nominal Fabric Mass	345 gsm + / - 20
(AS2001.2.15-1989) Determination of Thickness	
Thickness (mean) :	0.45mm
Temperature range:	-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 Method)	
Flex Crack Resistance:	< 200,000 cycles



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