



FEATURES & BENEFITS

- Polypropylene coating applied using GALE's Advanced Coating Technology™ for class leading coating adhesion and superior resistance to flex cracking
- Inherently flexible coating does not require polymeric or liquid plasticizer, which can leach out in inferior products
- Polypropylene coating provides excellent weldability and seam strength.
- Superior strength to weight ratio, flexibility and layflat characteristics, result in a material that is easier to handle, fabricate and install
- Excellent UV durability, chemical and flex crack resistance, aiding liner lifetime
- Full 15 year warranty against UV degradation
- AS/NZS 4020 certified and approved for use in contact with drinking water
- Compliant to AS 2304:2011 (Section 3) for water tank liner applications
- 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.
- Most suitable for use with substances with a pH range of 6.0-8.5
- Maximum free chlorine concentration of 5ppm
- Do not use against flames.
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- 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.

Aquamark® +480 is a high quality reinforced Polypropylene based coated fabric designed for liners for fire tank and water containment applications with a minimum thickness of 0.6mm. Consisting of a Polypropylene base scrim with a highly flexible, UV stabilised Polypropylene coating; Aquamark® +480 supplied in 50m and bulk rolls.

FABRIC PROPERTIES

Nominal Fabric Mass	480 gsm + / - 20
(AS2001.2.15-1989) Determination of Thickness	
Thickness (mean) :	0.65mm
Temperature range:	-40°C to +70°C

PERFORMANCE

(AS 4878.6-2001) Breaking Force and Elongation at Break – Method 1	
Breaking Force – warp:	2402 N/50mm
Elongation at break – warp:	29 %
Breaking Force – weft:	1841 N/50mm
Elongation at break – weft:	27.5 %

(AS 4878.7-2001) Tear Resistance - Single Tear - Method A2	
Wing Tear – warp (Median):	271 N
Wing Tear – weft (Median):	109 N

(AS 4878.5-2001) Bursting Strength – Hydraulic Diaphragm Method	
Bursting Strength (mean):	4700 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:	> 400,000

FLAMMABILITY

<i>Part 2 certificates available on request</i>	
(AS 1530.2) Part 2 - Flammability of Materials	
Flammability Index (Range 0-100)	57



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