



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.

## 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.

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	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

Part 2 certificates available on request

(AS 1530.2) Part 2 - Flammability of Materials	
Flammability Index (Range 0-100)	57



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