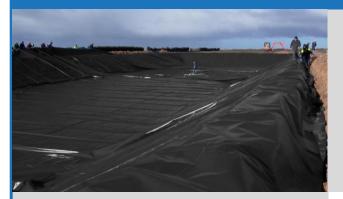


# PRODUCT PROFILE

Rev 8 11/21



Aquamark® is a high quality Polypropylene based polyfabric designed for lining ponds and dams. Aquamark® consists of the PP base scrim with a highly flexible, UV stabilised PP coating; supplied in bulk rolls.

- Polypropylene coating applied using GALE's Advanced Coating Technology<sup>™</sup> for superior resistance to flex cracking
- Flexible coating does not require polymeric or liquid plasticizer, which can leach in inferior products.
- AS/NZS 4020 certified and approved for use in contact with drinking water
- Certified to NSF/ANSI 61
- · Excellent chemical and stress crack resistance
- · 100% Lead and Phthalate free
- 100% Recyclable material
- BPA Free
- · Developed and Coated in Australia
- Full 10 year warranty against UV degradation

### **FABRIC PROPERTIES**

Fabric Mass 400 gsm + / - 10
Thickness ~0.5mm
Temperature range -40°C to +70°C

## **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.
- Contact with organic solvents, halogens or highly acidic substances may reduce the service life of the fabric and void the warranty.
- Fabric is not guaranteed to be 100% block-out.

### **FLAMMABILITY**

Part 2 certificates available on request
(AS 1530.2) Part 2 - Flammability of Materials
Flammability Index (Range 0-100)

## **PERFORMANCE**

(AS 4878.6-2001) Breaking Force and Elongation at Break – Method 1

Breaking Force – warp: 2023 N/50mm

Elongation at break – warp: 22 %

Breaking Force – weft: 1754 N/50mm

Elongation at break – weft: 24 %

(AS 4878.7-2001) Tear Resistance - Single Tear - Method A2 Wing Tear - warp (Median): 172 N Wing Tear - weft (Median): 95.2 N

(AS 4878.5-2001) Bursting Strength – Hydraulic Diaphragm Method Bursting Strength (mean): >5000 kPa

(AS 2001.2.17-1987) Hydrostatic Pressure Test

Hydrostatic Pressure (mean): >250 kPa

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

Flex Crack Resistance: 400,000+



















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