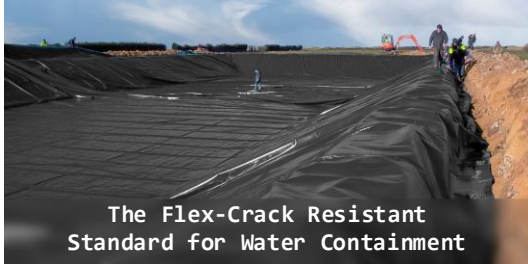


GALE
COMMERCIAL

Aquamark®

Product Profile



The Flex-Crack Resistant
Standard for Water Containment

Aquamark® is a polypropylene-based coated polyfabric engineered for reliable, long-term water containment across agricultural, industrial, and mining applications. Built with proprietary scuff detection and an inherently flexible PP construction, it handles the constant movement of real-world water containment without cracking or failing.

Features and Benefits

- **Potable Water Certified:** Dual-certified to AS/NZS 4020 and NSF/ANSI/CAN 61, safe for drinking water and fire protection storage.
- **Superior Flex-Crack Resistance:** GALE Advanced Coating Technology™ delivers 400,000+ flex cycles, engineered to move with constant water level changes instead of cracking under repeated stress.
- **Proprietary Scuff Detection:** Catches liner damage before installation is complete, reducing on-site quality risks and costly rework.
- **Eco-Friendly & Safe:** A 100% recyclable, lead, BPA, and phthalate-free material that requires no plasticisers, preventing environmental leaching.



10 Year
Warranty



Polypropylene
Fabric



Approved for
Drinking Water
AS/NZ 4020



BPA FREE



Lead &
Phthalate Free



PFAS Free



For more information, visit galecommercial.com

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Technical Specifications

Fabric Properties		
	Metric - AS 2001.2.13 (mass per unit)	Imperial
Nominal Fabric Mass	400 gsm ± 20	11.8 oz/yd ²
Approx. Thickness	0.48 mm	0.02 in
Temperature Range	-40°C to +70°C	-40 °F to +158 °F

Roll Specifications		
	Metric (mass per unit)	Imperial (mass per unit)
Nominal Width (unfolded)	2.05 m - 2.50 m	6 ft 9 in - 8 ft 2.4 in
Length	400 m	1312 ft 4 in
Approx. Roll Weight	350 kg - 430 kg	772 lbs - 948 lbs
Approx. Roll Diameter	0.55 m	1 ft 9.7 in
Core Diameter	154 mm	6.06 in

Performance Data

Flammability (AS 1530.2-Part 2 - Flammability Test)	
Flammability Index (Range 0-100)	48

Breaking Force and Elongation at Break – Method 1 (AS 4878.6-2001)	
Breaking Force – Warp	2608 N/50mm
Elongation at Break – Warp	27 %
Breaking Force – Weft	2071 N/50mm
Elongation at Break – Weft	25.5 %

Tear Resistance – Single Tear – Method A2 (AS 4878.7-2001)	
Wing Tear – Warp (Median)	181 N
Wing Tear – Weft (Median)	267 N

Bursting Strength – Hydraulic Diaphragm Method (AS 4878.5-2001)	
Bursting Strength (Mean)	>5,000 kPa

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

Resistance to Damage by Flexing (Schildknecht Method) (AS 4878.9-2001)	
Flex Crack Resistance	400,000+ cycles

*Test results available upon request.

Usage & Care

Suitable for hot air and hot wedge welding; welding tape must be used for water containment applications. Not suitable for high-frequency welding. Most suitable for substances with a pH range of 6.0–8.5 and a maximum free chlorine concentration of 5 ppm.

Do not use near open flames. Avoid contact with organic solvents, halogens, or highly acidic substances, as these will reduce service life and void the warranty.

Fabric is not guaranteed to be 100% block-out.