

GALE
COMMERCIAL**Aquamark®**
Plus

Product Profile



The Heavy-Duty Standard for Water Storage Tanks and Liquid Containment

Aquamark® Plus is a polypropylene-based coated polyfabric specifically engineered for water storage tanks in fire protection systems and industrial liquid storage applications. Built heavier and stronger than Aquamark, it delivers the puncture resistance, abrasion performance, and compliance credentials these critical installations demand.

Features and Benefits

- **AS2304:2011 Compliant:** Meets Section 3.6.1 requirements for water storage tanks in fire protection systems to spec with confidence on critical installations.
- **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 to move with water level changes instead of cracking under repeated stress.
- **Enhanced Puncture & Abrasion Resistance:** Heavier gsm construction delivers the toughness required where standard liners fall short.
- **Eco-Friendly & Safe:** A 100% recyclable, lead, BPA, and phthalate-free material that requires no plasticisers, preventing environmental leaching.

15 Year
WarrantyPolypropylene
FabricApproved for
Drinking Water
AS/NZ 4020

BPA FREE

Lead &
Phthalate Free

PFAS Free

ATA
ADVANCED
TEXTILES
ASSOCIATION

For more information, visit galecommercial.com

GLOBAL CUSTOMER SUPPORT

commercialsupport@galecommercial.com

SALES - ANZ

Toll Free: +1 800 331 521
anz@galecommercial.com

SALES - ASIA / EUROPE

Toll Free: +1 800 331 521
eurasia@galecommercial.com

SALES - AMERICAS

Toll Free: +1 800 560 4667
americas@galecommercial.com

SALES - MIDDLE EAST / AFRICA

+971 4 881 7114
mena@galecommercial.com

Technical Specifications

Fabric Properties		
	Metric - AS 2001.2.13 (mass per unit)	Imperial
Nominal Fabric Mass	480 gsm ± 20	11.8 oz/yd ²
Approx. Thickness	0.65 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	420 kg - 515 kg	926 lbs - 1135 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)	57
Breaking Force and Elongation at Break – Method 1 (AS 4878.6-2001)	
Breaking Force – Warp	2411 N/50mm
Elongation at Break – Warp	12 %
Breaking Force – Weft	1976 N/50mm
Elongation at Break – Weft	15.5 %
Tear Resistance – Single Tear – Method A2 (AS 4878.7-2001)	
Wing Tear – Warp (Median)	198 N
Wing Tear – Weft (Median)	108 N
Bursting Strength – Hydraulic Diaphragm Method (AS 4878.5-2001)	
Bursting Strength (Mean)	4800 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.