



Aquamark[®] 400

Polyfabric

LINERS (DAM, TANK, POND, BUNDING)

LIQUID STORAGE AND CONTAINMENT

BIO FUEL PRODUCTION PONDS





Aquamark® is a light weight, flexible and **extremely tough fabric with excellent welding characteristics**. It is water potable certified, UV-stabilised polypropylene liner fabric, certified to AS/NZS 4020 standards.

Perfect for dam, pond and tank liner, featuring excellent welding characteristics and high tear strength. It is ideal for a wide range of water and effluent containment and storage applications. Aquamark® is easy to install with minimal skilled labour required at the installation site.



- Light weight polypropylene enables large liner sections to be prefabricated for speedy installation
- Polypropylene coating for superior resistance to flex cracking and excellent chemical resistance
- Flexible coating requires no polymeric or liquid plasticiser so there is leaching
- AS4020 approved for contact with potable water and is ideal for grey, black and potable water storage applications
- 100% recyclable material ensures minimal impact on the environment with no chlorine or heavy metals in the production of the product
- Excellent welding characteristics for faster processing and more secure welds
- High strength material with durable layered technology supported by high strength woven base material for excellent dimensional stability
- Superior layflat characteristics for ease of fabrication and installation

Properties

Nominal fabric mass	400gsm ± 10
Thickness (mean) (mm)	0.48
Roll length (m)	50 Mini Jum Jumbo
Roll width (m)	2.05 2.5 width

Performance

Tensile strength - warp	2023N / 50mm
Elongation at break - warp	22%
Tensile strength - weft	1754N / 50mm
Elongation at break - weft	24%
Wing tear - warp (mean)	172N
Wing tear - weft (mean)	95.2N
Bursting strength	5000kPa
Hydrostatic pressure (mean)	>250kPa
Flex crack resistance	400,000+ cycles

Applications

- Dam, pond, channel liner
- Tank liner
- Agriculture pits and ponds
- Floating covers
- Bunding
- Erosion control – embankment stabilisation
- Biogas
- Baffle curtains