

Made in Nelson, NZ.



POND & TANK LINERS

AQUAMARK LINER

AquaMark Liner material is a food grade (AS4020 potable water certified) supported liner material suitable for use in a wide range of water and effluent containment and storage applications. Ideally suited to prefabrication of liners for transport to site and installation with minimal skilled labour required at the installation site.

AquaMark Liner is a lightweight, flexible and extremely tough Polypropylene fabric. Equally suitable for dam and pond lining as well as a highly durable tank liner with a 20 year UV warranty and high tear strength, AquaMark Liner provides a lining solution in agricultural, industrial and mining applications.



making a difference

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Features

- 400 GSM Polypropylene – light weight enabling large liners or liner sections to be prefabricated for speedy installation.
- AS4020 approved for contact with potable water – ideal for grey, black and potable water storage applications. One liner material suits most applications.
- Environmentally friendly Polypropylene - both the manufacture and eventual disposal of the 100% recyclable material ensures minimal impact on the environment with no chlorine or heavy metals in the production of the product.
- Tested to 39m waterhead (400kPa)
- Conforms to seepage requirement of less than 0.1mm/1cbm waterhead per day.
- High strength material with durable layered technology supported by high strength woven base material.
- Watertight joints can be achieved utilizing welding or alternatively mechanical jointing using butyl mastic tape in non potable applications.
- 20 year warranty against UV degradation.

Applications:

- Agricultural – dam liners, effluent and wash down containment ponds, tank liners, channel lining.
- Industrial – bunding liners*, effluent ponds, water storage and containment
- Building and construction – storm water containment liners, water storage, tank liners.
- Aquaculture – fish and crustacean breeding ponds, bio fuel production ponds.

Usage Instructions

- 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.

*It is the users responsibility to determine the suitability of the liner when used in contact with chemicals – please consult the manufacturer.



Material	
Base scrim	UV stabilised PP
Construction	8.0 x 8.5 yarns/cm
Yarn size	1000 denier
Coating	UV stabilised PP
Coating thickness	100 µm
Finish top side	Black
Finish bottom side	Black
Temperature range	-40°C to +70°C
Properties	
Fabric Mass (AS4878.3)	400 gsm ± 10
Nominal thickness	~ 0.65 mm
Performance	
Tensile Strength - Warp	2280 N/50mm
Elongation at break	22 %
Tensile Strength - Weft	1690 N/50mm
Elongation at break – Weft (AS4878.6 – Method 1)	22 %
Wing Tear - Warp	250 N
Wing Tear - Weft	110 N
(AS4878.7 – Method A2)	Black
Burst Strength (AS4878.5 – Method B)	2090 N
Hydrostatic Pressure (AS2001.2.17)	+400 kPa
Flex Cracking Resistance (AS4878.9 – Method B)	400,000+ cycles
The above results are typical averages from quality assurance testing and are not to be taken as a minimum specification.	

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