



Solarweave® is a Polyethylene based semi-transparent/opaque fabric available in bulk rolls designed for horticultural and most hot house applications.

- Polyethylene coating applied using GALE's Advanced Coating Technology™ for class leading coating adhesion and abrasion resistance
- Inherently flexible coating does not require polymeric or liquid plasticizer, which can leach out in inferior products
- Dirt repellent PE coating provides good appearance, reduced maintenance processing and costs
- Superior strength to weight ratio, easier to fabricate, install and handle
- Excellent UV durability, chemical and flex crack resistance, aiding tarpaulin lifetime
- Environmentally friendly, lead and phthalate free and 100% recyclable
- Manufactured in accordance to ISO9001:2015
- Developed and Coated in Australia

PERFORMANCE

(AS 4878.6-2001) Breaking Force and Elongation at Break – Method 1	
Breaking Force – warp:	913 N/50mm
Elongation at break – warp:	30.0 %
Breaking Force – weft:	731 N/50mm
Elongation at break – weft:	31.0 %
(AS 4878.7-2001) Tear Resistance - Single Tear - Method A2	
Wing Tear – warp (Median):	222 N
Wing Tear – weft (Median):	196 N
(AS 4878.5-2001) Bursting Strength – Hydraulic Diaphragm Method	
Bursting Strength (mean):	1800 kPa
(AS 2001.2.17-1987) Hydrostatic Pressure Test	
Hydrostatic Pressure (mean):	88.0 kPa

FABRIC PROPERTIES

Fabric Mass	185 gsm + / - 10
Nominal Thickness	0.20mm
Temperature range	-30°C to +70°C

USAGE INSTRUCTIONS

- Suitable for hot air and hot wedge welding.
- Not suitable for high frequency welding.
- Framing tape should be used to reduce heat transfer from metal frames. Foamed rubber or PVC based framing tape should not be used.
- Solarweave® white is best installed with the white side facing the sun.
- 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.

FLAMMABILITY

Part 2 certificates available on request
(AS 1530.2-1993) Part 2 - Flammability of Materials
Flammability Index (Range 0-100) 37



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