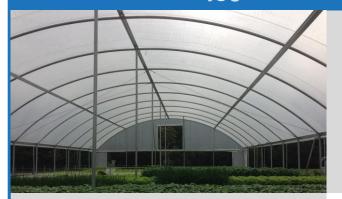
Solarweave®

PRODUCT PROFILE

Rev 8 02/20



Solarweave® is a Polyethylene based semitransparent/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

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

PERFORMANCE

(AS 4878.6-2001) Breaking Force and Elongation at Break – Method 1
Breaking Force – warp:
Elongation at break – warp:
Breaking Force – weft:
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









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