

GROCover™ Tunnel Film 5.5m

GROCover™ 5.5m wide UV closed Tunnel Film is also known as the anti-virus additive. It only allows light in from 380nm. This is especially recommended in red roses so the petals do not turn black. If any pollination with insects is used then you cannot use UV closed material. Below this light spectrum is what insects need to see, with a greenhouse/tunnel with UV closed material the bees cannot see and thus do not go into the tunnel. When thrips or other insects are a problem and bees are not needed then UV closed can be used successfully.

PRODUCT SPECIFICATION SHEET

1. Technical data

Mechanical Properties	Typical value
Thickness	0.180 mm
Tensile at break (EN ISO 527-3)	MD 28 Mpa TD 27 Mpa
Elongated at break (EN ISO 527-3)	MD 850 % TD 900 %
Elongated at yield	MD 12 Mpa TD 11 Mpa
Thermicity (EN 13206 S 8.9)	N/A

MD = machine direction

TD = transversal direction

Optical Properties	Typical value
Total light transmission (400-700 nm)(%)	>85%
Diffusion (400-700 nm) (%)	55 ± 2%
UV transmission (>380 nm) (%)	Closed
Anti Dust	<

2. Functional information

- Roll Length Only Available in 75m Rolls of 5.5m wide.
- Lifetime: Film stabilized for 160 Kly
- End Use: Primarily used as a greenhouse covering for single Tunnels where the 5.5m wide strips span across the Tunnel. – 2 Rolls required per tunnel
- Attention: Special attention should also be paid when opening the packaging, as incidental cutting of straps may cause rolls to fall off the pallet



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Storage:	The product must be stored indoors and must be used within 3 years after delivery.
Use:	Redpath will not be liable to claims or restitutions when the product is used in combination with too high a concentration of chlorine or sulphur. Pesticides may contain substances that may affect the specification of our products. Please contact our customer service for questions.
Fitting:	Compatible with virtually all of today's modern film clipping systems. Use Lockstrip or Duralock2 to hold Duratough onto the framework. Use Polyguard lagging tape to protect Duratough™ from wearing on the structure
Disposal:	The product should be disposed of in an environmentally friendly way.

3. U.V Stabilisation Warranty

GROCover™ 180um Tunnel Film cladding is offered with a 36 month Pro Rata U.V. degradation warranty. Provided that the supplier is satisfied that the original purchaser of GROCover™ has complied with the warranty conditions and maintenance schedule, the warranty is as follows;

Should breakdown occur due to Ultra Violet degradation within 36 months of installation the cladding value (materials only) is pro rata warranted.

NOTE:

1. The customer may incur some charges for covers with Pro Rata warranties. *See section 8 for explanation of Pro-rata warranty.*
2. Tears, punctures or damage except during installation (if a construction service is supplied), chemical attack (especially chlorine, tanalith, sulphur, iron, copper and petroleum-based products) heat and physical degradation, storm, outside impact damage, pest/animal damage and physical attack damages are not covered by this pro-rata UV warranty.
3. The supplier shall in no event be liable to the buyer for loss of profits, or special, indirect or consequential damage.
4. If a twinskin or double layer inflation system is used, then a suitable automatic power back up system must be used and in operation to ensure inflation fans may continuously run.
5. Extreme acts of weather e.g. Tornado, Large Hail of unusual size or shape, Snowfall above 500mm deep, pest or animal damage is not covered
6. Forces from other source: E.G flying debris (branches from trees etc that might cause initial puncture damage), Farm machinery, Fire, Ash, Malicious acts and Vandalism.
7. Fair wear and tear, abrasion, elongation or contraction from extreme temperatures is not covered by the warranty.

8. Any alterations or repairs made to the original cladding, building and holding systems without the supplier's written prior approval may affect the pro rata warranty
9. Lack of maintenance as per the guidelines provided elsewhere in this contract of the cladding and its clipping systems may void this pro rata warranty
10. Minor variations in diffusion, or plastic distortion, fold lines, which can occur naturally during the manufacturing process of the cladding are not a warranty consideration
11. Light transmission or shade levels of this cladding may vary and be dependant on a number of factors including slight variation in colour, and also the location of the structure, the buildup of dirt / dust / pollen, cleaning maintenance and the buildings position relative to sun and its surroundings.
12. Please refer to the operator's manual for cladding handling, installation and maintenance guidelines, as these affect and make up some of the pro-rata warranty conditions
13. Redpath Ideal Greenhouses Pty Ltd DOES NOT warranty that the light transmission or shade factor of this product shall be suitable for all conditions or applications.

4. Manufacturing Fault Warranty

The GROCover™ cladding is supplied with a manufacturers fault warranty for a period of 12 months. Whilst uncommon - this warranty specifically covers faults that might be present in the cladding from new. E.G extrusion splits, fractured fold lines or melt holes in the cladding etc.

NOTE: This warranty does not cover minor variations in diffusion, plastic distortion or marks caused by folds which can occur naturally during the manufacturing process.

5. Pro- Rata Warranty

A pro-rata warranty is a warranty that distinguishes between the periods that the goods or Building has been used for by the customer & the remaining expected life or warranty period. e.g. – If a claim is made after only a 12 month period has passed on a component that has a “2 year pro-rata warranty offered” - then the balance and maximum claimable amount shall be for a maximum of 50% of the original parts only value of the claimed goods, or the “balance of the warranty period” (materials only).

6. Date of Warranty Commencement

The start date for all warranties offered with this Building begin at the date that the warranted item is delivered to site.