



Dans Plants



For over 30 years, Sancell have been a leading manufacturer of solar blankets and insulative technologies. FlexiGrow has been developed with unique thermal properties to create an environment that encourages Greenhouses to flourish.

FlexiGrow is manufactured in 1.5M x 100M rolls and can be customised into sheets to suit any size structure. Containing proprietary additives and designed for longevity, the material is flexible and can be easily formed around structures.

## ‘Saving up to 50% Energy is the Key Motivating Factor’

Since implementing Flexi-Grow, Dans Plants have seen significant benefits that have not only improved plant growth but has also generated financial savings. With an outside temperature of 4°C, the inside temperature of their greenhouse achieved 12°C using Flexi-Grow. Dans Plants have seen such an improvement that they will continue to use Flexi-Grow in future greenhouse developments.

### Weight

FlexiGrow is light and easy to install, only 230g per m<sup>2</sup>.

### Transparency

FlexiGrow has a high degree of transparency with tests indicating a light transmission of 80%\*. The material has the advantage of eliminating shadows as the light is evenly defused through the bubble, creating an even light distribution.

### Insulation

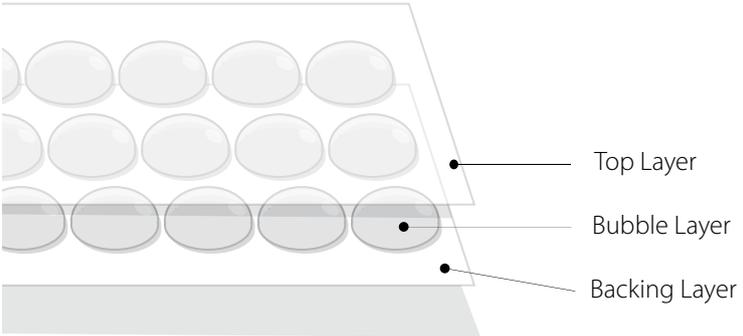
FlexiGrow is comprised of a triple laminated flexible film containing cells of trapped static air. With a tested Material R-Value of 0.1m<sup>2</sup>.k/w, this structure allows radiant heat to pass through whilst also creating a highly effective barrier against conductive heat loss (equivalent to two skin air inflated covers).

### Environment

Reducing our environmental footprint is at the forefront of our manufacturing and product development processes. We manufacture under an ISO 14001 Environmental Management System, are proud members of APCO, ANZPAC and REDcycle, and are signatories of the Victorian Government TAKE2 initiative for climate change.

100% Recyclable LDPE4

\*This is only a guide as the angle of incidence affects these findings.



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