DAVID GILL
GREEN HOUSES

POLY-HORT.BV.
MANUFACTURING & MARKETING OF HORTICULTURAL FILMS

Greenhouse Films

SunView Diamond

Produced with Highest Technology

- 90% Light Transmission
- 60% Light Diffusion
- High Thermicity
- UV 4 years

SunView Bubble

Ultimate Bubble Film for Temperature Reduction & High Light Diffusion

- 85% Light Transmission
- 60% Light Diffusion
- Thermic
- UV 4 years

Poly-Hort B.V. and its partner A.A. Politiv (1999) Ltd. specialize in the production of "smart" Horticultural Films. Established in 1985, we have become Israel's leading producer of horticultural films and a major supplier to international markets.

Phone : 03 5448 8840 Email : Sales@davidgillgreenhouses.com.au
www.davidgillgreenhouses.com.au

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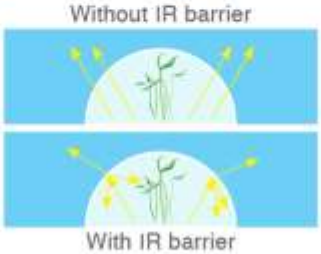
Light Transmission (PAR Range)

The total light transmission of the greenhouse film is extremely important for Photosynthetically Active Radiation (P.A.R.) The PAR range is 400 to 700 nanometers. The intensity of these wavelengths (PAR range) directly influences growth and development of green plants

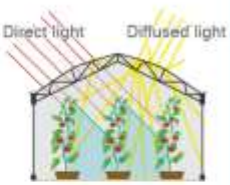
Thermal Effect

During the day, the greenhouse structure, plants and soil heat up due to both visible and infrared light from the sun. In the evening it cools down and re-emits radiation within the IR range.
Special properties are incorporated within the film which block IR radiation and help maintain a controlled temperature in the greenhouse, providing plant insulation and less cycling of heaters at night.



Light Diffusion

Most Thermal Films provide diffused light. Light diffusion increases photosynthetic efficiency by providing more homogeneous light from all directions.
A diffused film reduces shadows, helps minimize burning and ensures better distribution of light. It has also been known to help average leaf temperatures.



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