



SUNTUF® Plus

Corrugated Polycarbonate Sheet with Anti-Condensation



AGRICULTURE

CONSTRUCTION



Overview

SUNTUF Plus has special benefits that allow it to give plants the best nurturing conditions. SUNTUF Plus sets the standard for efficient greenhouse roofing with more than 25 million square meters currently installed, offering guaranteed elimination of condensation dripping and optimal PAR light transmission needed for plant growth.

Main Benefits

- Up to 90% light transmission
- Eliminates condensation drip
- Retains its performance for many years
- Virtually unbreakable
- Blocks out UV and far IR radiation
- Available with 20% and 100% light diffusion
- Allows energy savings of up to 50%
- Flexible and easy to install
- Optional UV protection on both sides
- Wide service temperature range
- Available in 1260 mm and 1870 mm widths
- In cold climates: Reduces snow buildup in comparison with twin-wall
- 10 year limited warranty



Typical Applications

- Greenhouses
- Garden centers
- Swimming pools



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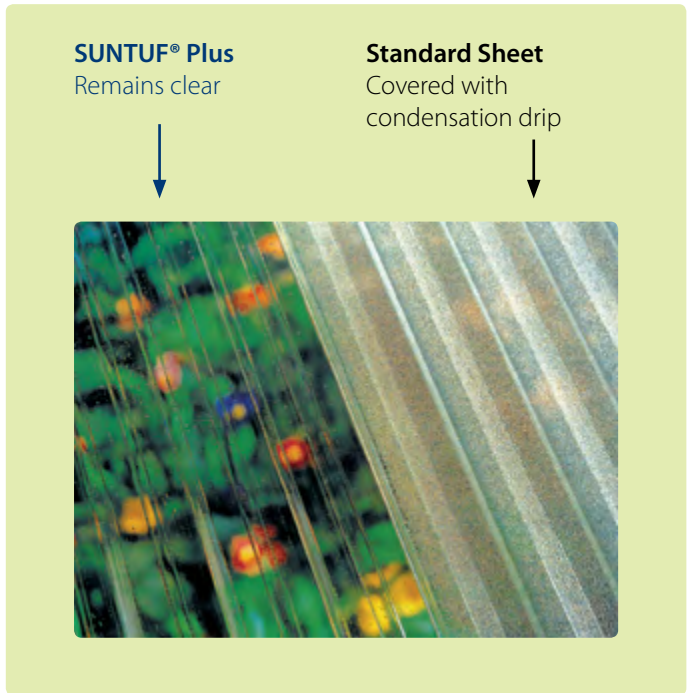
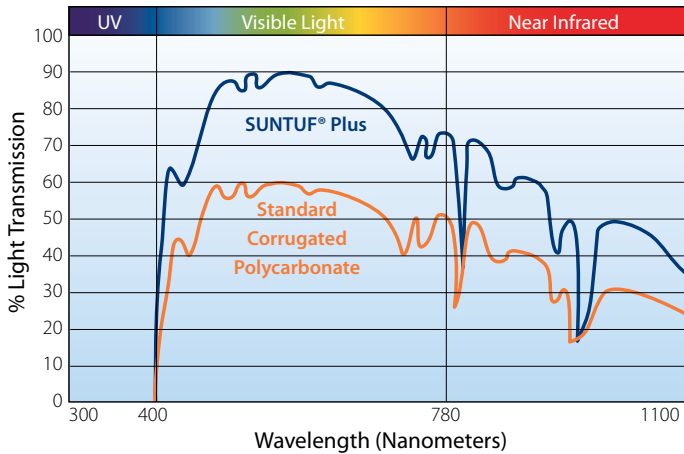


Built-In Condensation Control

SUNTUF Plus with the unique condensation control allows up to 30% light transmission increase at peak condensation periods, as seen in the table below. The sheet also reduces disease resulting from condensation dripping. SUNTUF Plus is offered with anti-condensation treatment on both sides for retractable greenhouse roofs.

More Light for Longer Periods

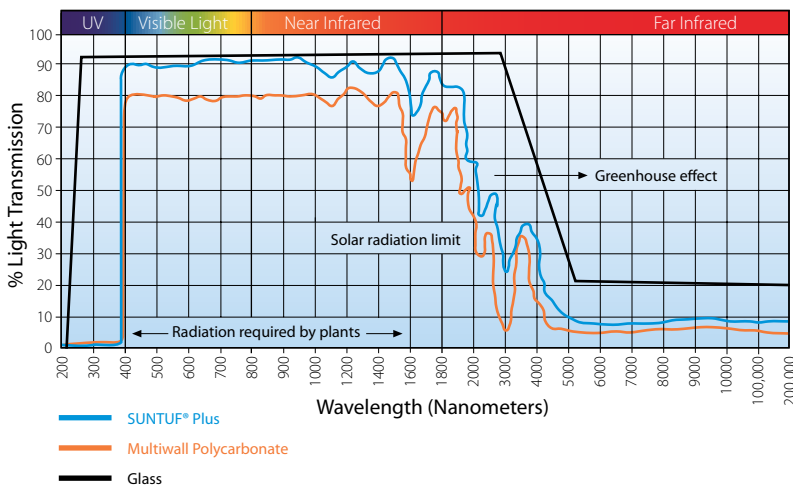
SUNTUF Plus transmits up to 30% more light at peak condensation



100% Protection Against UV Radiation

SUNTUF Plus transmits only beneficial radiation and blocks ultraviolet rays, which burn plants, flowers and people.

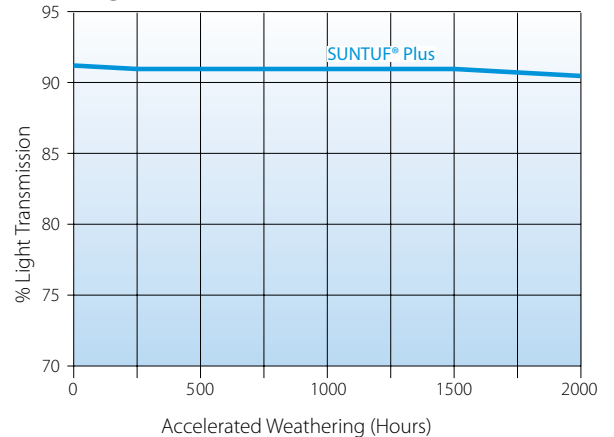
Comparison of Solar Transmissions



Resistance to UV Radiation

SUNTUF Plus withstands the detrimental effects of UV radiation, remaining clear for many years.

Light Transmission Loss of SUNTUF® Plus



*100 hours of QUV exposure are roughly equivalent to 1 year of maximum outdoor UV exposure. Changes in the optical properties for SUNTUF® Plus shown above are not perceptible to the naked eye.



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