



SUNTUF® Plus

Condensation Control Corrugated Polycarbonate Sheet



Overview

SUNTUF® Plus provides unique benefits which enable it to provide plants with the best nurturing conditions. The sheet includes a special built-in mechanism to reduce condensation & drip. This feature allows SUNTUF Plus to transmit optimal levels of PAR light in any weather condition and assist in protecting the crop in the greenhouse.

SUNTUF Plus maintains its superior mechanical properties for extended periods. It sets the standard for efficient greenhouse roofing with over 25 million square meters installed in numerous greenhouses around the globe.

Main benefits

- Up to 90% light transmission
- Reduces condensation & drip
- Retains its performance over time
- Virtually unbreakable
- Blocks out UV and far IR radiation
- Available with 20% and 100% light diffusion
- Allows energy savings of up to 50%
- Installation: Flexible installation, easy to work with. Can be cold formed into arches
- 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 sheets
- 10 year limited warranty



Typical Applications

- Commercial Greenhouses
- Gardening Centers
- Swimming pools & spa facilities



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Special features

Built-In Condensation Control

SUNTUF Plus with its unique condensation control increases light transmission by 30% at peak condensation periods.

Extremely high impact resistance and load bearing

SUNTUF Plus withstands hail and flying debris better than any other greenhouse covering. Its flexibility and tensile strength make it suitable for the harshest climates.

Resistance to UV Radiation

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

Efficient Insulation

Even at its standard 0.8mm thickness, the thermal insulation of SUNTUF Plus is greater than that of 4mm glass or any greenhouse film product.

Reduces energy loss

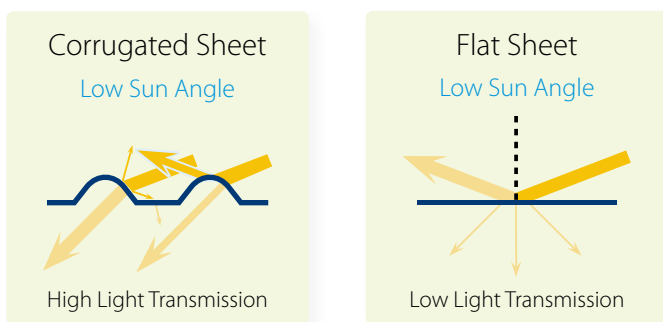
SUNTUF Plus reduces far IR radiation escape, trapping it inside the greenhouse reducing heat energy loss.

Overlap accessories

SUNTUF Plus is equipped with suitable over-lap accessories to hermetically seal against dust accumulation, insects or water.

Hemispheric light transmittance

At N45°-N55° latitude, during the 5 critical months between November and March, the sun shines most of the day at a 15°-25° angle with the horizon. SUNTUF Plus refracts light at low angles of incidence, reduces reflection, and facilitates more light penetration into the greenhouse than any other material.

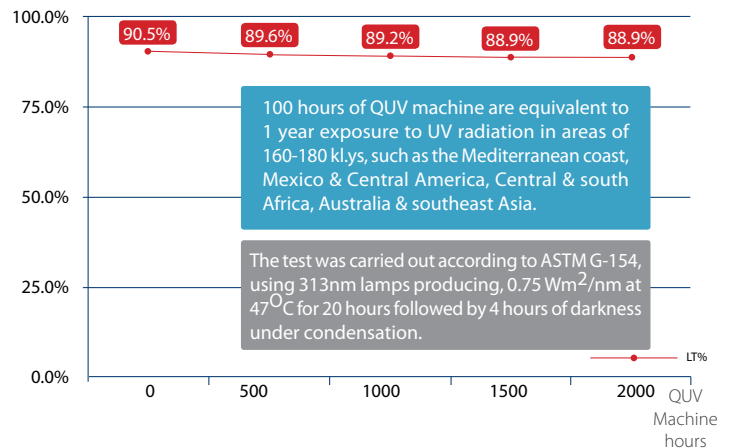


* Available in other profiles

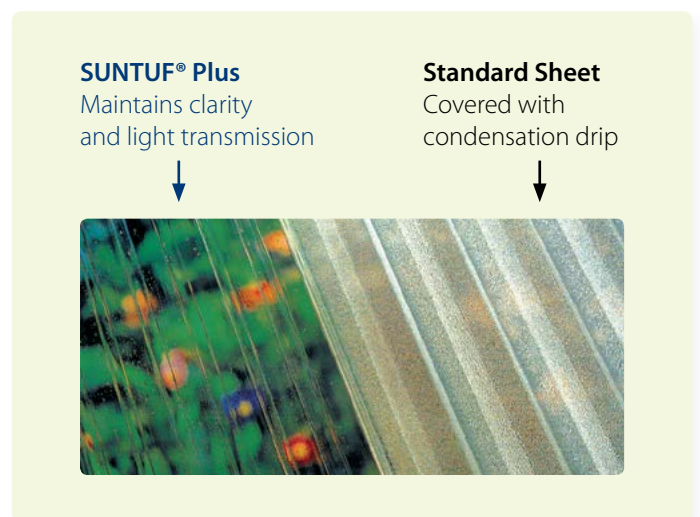
SUNTUF Plus UV resistance

SUNTUF Plus maintains its high optical properties over time. A protective layer prevents UV related degradation of the material and makes SUNTUF Plus an ideal greenhouse cover.

Weathering resistance of clear SUNTUF Plus 0.8 sheet



Built-In Condensation Control



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