

# ETFE

(ETHELYNE TETRAFLUOROETHYLENE)

## UV TRANSMISSIVE GLAZING

Ethelyne Tetrafluoroethylene (ETFE) is a translucent polymer glazing material. ETFE has been widely used in Japan for decades, and offers enormous benefits as a greenhouse glazing. Ceres is currently the only North American distributor of this super durable and highly light transmissive glazing material.

### WHY ETFE?

- High light transmittance = higher yields and improved crop quality
- Fewer greenhouse pests and pathogens, as UV light acts as radiation
- Strong mechanical strength, capable of resisting high wind, snow and hail
- Does not degrade or yellow from UV light
- Easily repairable, with ETFE film patches and sheets
- Recyclable
- Fire Rated ASTM E84 Class A, ETFE foil shrinks back from plume, which vents fire
- Stable exceeding 400F



#### CLEAR ETFE:

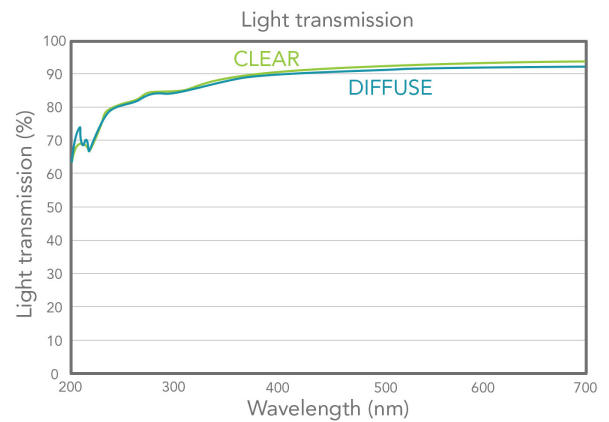
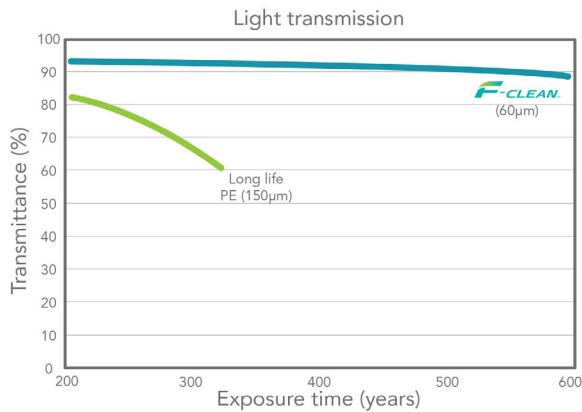
Translucent glazing, which allow for shading (as seen in top two images)

#### DIFFUSE ETFE:

Diffuses light, allowing for greatly reduced shading (as seen in bottom two images)

# LIGHT OPTIMIZATION

## Up to 94% light transmission including UV



### LOW MAINTENANCE

Durable and resistant to diverse environmental conditions.  
Long lasting- does not degrade.

### ENERGY SAVINGS

Multilayer film options can provide additional thermal insulation.

## PART OF A COMPLETE SOLUTION

### WHAT CERES OFFERS:

**We offer ETFE as a glazing option for all of our Ceres greenhouses**

We sell ETFE designed for your specific existing greenhouse (track distance has to be engineered). This includes: high performance glazing, track, screws, and installation instructions.

For commercial projects we highly suggest construction support. We have a team that specialize in installation and can travel to provide help.

