



Fertri's screens are textile meshes that are installed as a mobile cover inside or outside of the greenhouse. The opening/closing system allows us to place the screen where the crop need it according to the climate conditions.

Due to their flexible and easy to collect materials, the screen, when folded, occupy a minimum space which reduces shades on the crop. Two types of screens can be used at the same time (shade and thermic) reducing to the maximum the energy expenses.

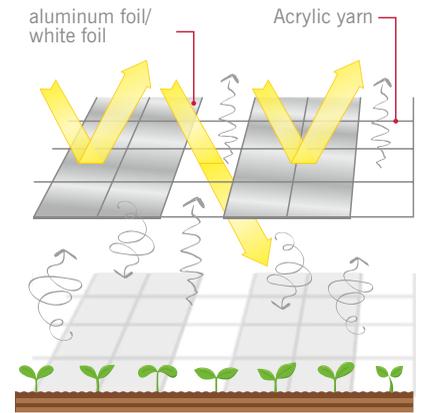
Improves performance
Energy Saving
Luminosity control
Sunlight protection

Types of screens

► Shading screens

Screen formed by aluminum foil or polyester (white) interlaced each other with acrylic yarn. Its main function is to avoid direct sunlight on the crop and thus reduce the temperature inside the greenhouse. It is classified by the percentage of shading, i.e., the number of shading plates and the separation between them.

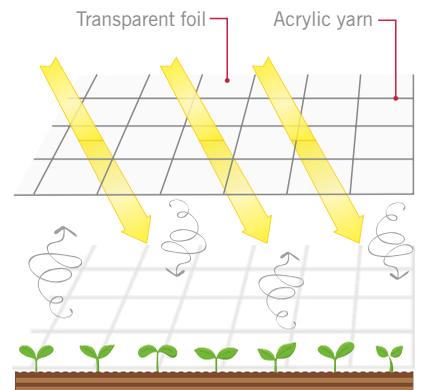
- Brightness control**
- Retains heat**
- Regulates airflow**
- Protection from solar radiation rays**
- Avoid sudden temperature changes**
- Saves water consumption**



► Thermic screens

Screen made of transparent polyethylene sheeting woven together by acrylic yarn. These screens trap heat inside the greenhouse without altering the sunlight incidence on the crop. Energy savings in HVAC systems is remarkable. It also helps to control the condensation inside the greenhouse.

- Brightness control**
- Retains heat**
- Saving artificial air conditioning systems**
- Helps control the interior temperature and humidity**
- Avoid direct radiation on the crop**



► Shading and thermic screens

Screen made up of aluminum foil or polyester (white) and transparent acrylic sheets woven together by yarn. It's used for shading the crop during the day and retains during the night the accumulated heat inside the greenhouse. It is characterized by the percentage of shading and energy saving.

- Sun radiation control**
- Retains heat**
- Saves cost in HVAC**
- Helps to control inside temperature and humidity**
- Avoids direct sun radiation on the crop**

