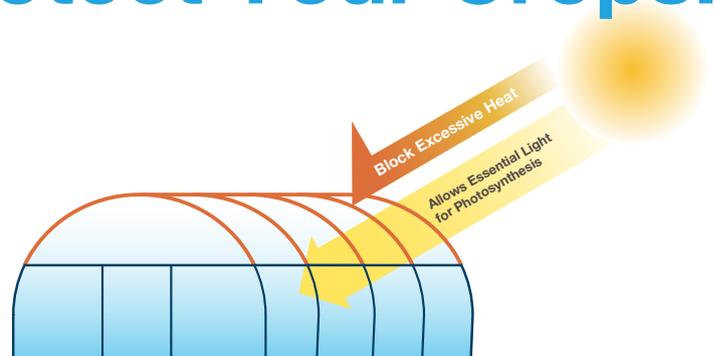


# AOTENJYO 青天張

Advanced Heat-shielding Net  
by SOLAMENT™

## Stay Cool and Protect Your Crops!

Our advanced heat-shielding net lowers greenhouse temperatures, making summer work cooler and more comfortable. It allows essential light for photosynthesis to pass through while blocking excessive heat that can damage crops, creating a better environment for both farmers and plants.



**SOLAMENT™**

Solar-smart material

### About SOLAMENT™

SOLAMENT™ is a material technology invented by Sumitomo Metal Mining Co., Ltd. It has the property of absorbing near-infrared light (NIR) contained in sunlight. By enabling the material itself to absorb heat, it prevents heat from penetrating further, thereby keeping the interior cool.

More Details



# AOTENJYO Features

POINT  
**1**

## Sunlight Control with Weaving Technology × SOLAMENT™

Allows essential visible light for photosynthesis while blocking near-infrared light (NIR) to prevent crop damage from overheating.

POINT  
**2**

## Long-lasting Heat-shielding Effect

SOLAMENT™ is blended into the fibers, making it resistant to ultraviolet light (UV) degradation.

POINT  
**3**

## Customizable for Different Crops and Growing Regions

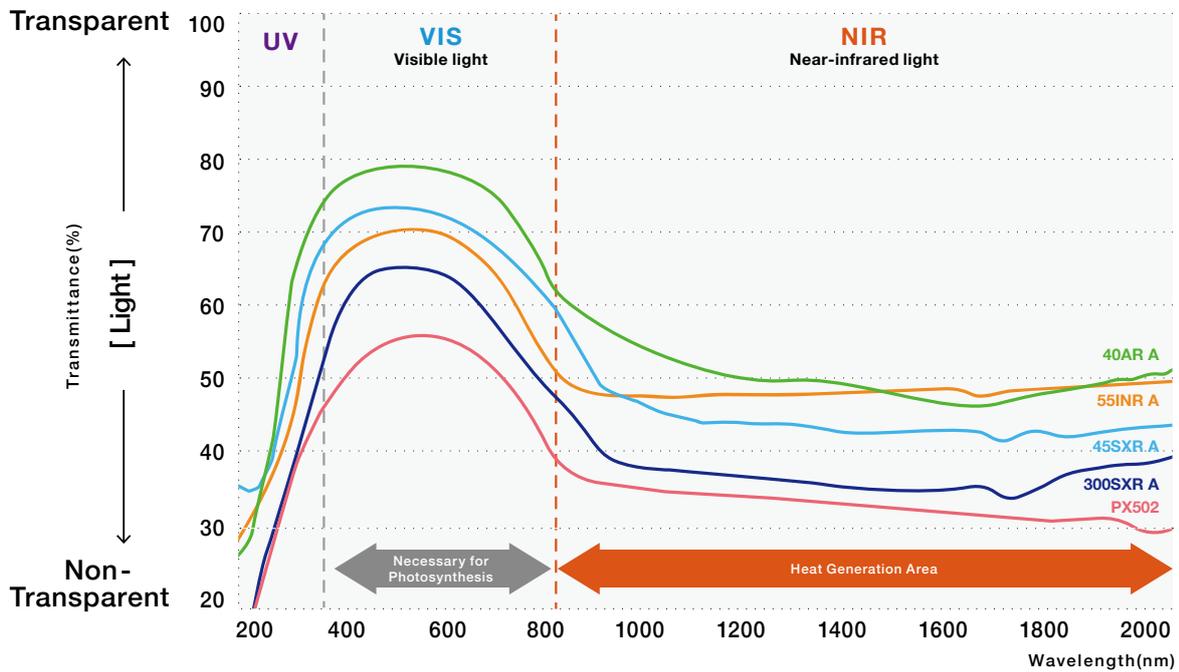
Various weaving techniques provide multiple light transmission options to suit different crops and climates.

POINT  
**4**

## Controlling Ultraviolet Light (UV) for Optimal Crop Growth

Certain crops, such as eggplants, require a certain amount of UV for color development, as well as for the flight of bees.

# AOTENJYO Variations



**40AR A**

**Ideal for fruits and vegetable crops and flowers.**

Suitable for tomatoes, peppers, cucumbers, and flowers.

Visible light transmission rate: 78%  
Near-infrared light (NIR) blocking rate: 50%  
Weight: 73g/m<sup>2</sup>

**45SXR A**

**Ideal for soft vegetables and strawberry seedlings.**

Suitable for strawberries, green onions, and spinach.

Visible light transmission rate: 71%  
Near-infrared light (NIR) blocking rate: 55%  
Weight: 82g/m<sup>2</sup>

**300SXR A**

**Perfect for seedling growth during extremely hot weather when heat-blocking is essential.**

Visible light transmission rate: 61%  
Near-infrared light (NIR) blocking rate: 65%  
Weight: 92g/m<sup>2</sup>

**55INR A**

**Relatively soft and ideal for greenhouse lining.**

Works well with soft vegetables and fruits.

Visible light transmission rate: 69%  
Near-infrared light (NIR) blocking rate: 50%  
Weight: 65g/m<sup>2</sup>

**PX502**

**Provides both heat-blocking and retention, making it suitable for both summer and winter.**

Visible light transmission rate: 50%  
Near-infrared light (NIR) blocking rate: 68%  
Weight: 72g/m<sup>2</sup>

Contact ► [NOTOSHICHI CO., LTD.](https://www.notoshichi.co.jp)

Website

