

# AGRICULTURAL FILMS

Solutions for Sustainable Growth



## About VSC



VSC Bang Pu Industrial Estate (North), Samut Prakan

Established in 1979, VSC is the leading manufacturer and marketer of polyethylene films and sheet (P.E.) in Thailand for agriculture, aquaculture, industrial, and environmental businesses. We strongly believe in "high quality products" by selecting only premium virgin resins and producing by state-of-the-art machines with highly experienced R&D team. We have established a reliable reputation through innovative technology and consistency of product quality and service to our customers worldwide such as Italy, South Africa, Sri Lanka, Nepal, Bangladesh, Japan, Malaysia, Philippines, Cambodia, Myanmar, Vietnam, Laos, etc.



### VSC...Your Partner in Agricultural Solutions

"VSC Agricultural Films" are researched & developed by experienced agronomists, polymer technology and engineering along with end users' requirements which allow us to promote unique formulations that fulfill customer's need no matter what they want to grow and where they are in the world. It helps farmers to have a better crop yield such as more beautiful colors in flowers, better sweet taste in melon, better size in salad, and also possible for growing out-of-season crops. We have Quality Management System ISO9001 and Environmental Management System ISO14001 certified.



## Greenhouse Cover Film

|                    |                         |
|--------------------|-------------------------|
| Width (meter)      | 2-14                    |
| Length (meter)     | 40-100                  |
| Thickness (micron) | 100, 150, 200, 250, 300 |

These premium greenhouse films have excellent mechanical strengths, optimum light transmission, and good pesticide resistance which make it perfect for protecting crops and enhancing growth. VSC provides many types of greenhouse film solutions to match properly with growers' need worldwide.



### UV protect clear film

Light transmission in PAR up to 90%, Excellent UV and chemical resistance.



### UV protect diffused film

Suitable for hot climate areas especially Southeast Asian countries. Better light distribution, better crop quality in size, taste, shape, and color.



### Photo-selective film

Select only light wave that matter for crops to grow, better crop quality.



### VSC Cooling diffused film

Reduce temperature inside greenhouse effectively 3-5 degree Celsius, better crop quality, earlier harvest.



### Anti-dripping film

Minimize condensation drops, significantly improve light transmission, reduce leaf diseases.



### Anti-virus film

Prevent pest insects (some are disease carriers), reduce the need for pesticides.



### Anti-algae film

Prevent algae especially in high humidity area, significantly improve light transmission.



## Mulch film

|                    |  |
|--------------------|--|
| Color(s)           | black-silver, black-black, black-white |
| Width (meter)      | 0.80, 1.00, 1.20, 1.50                 |
| Length (meter)     | 400                                    |
| Thickness (micron) | 25, 30, 35, 40                         |

- ✔ Premium grade
- ✔ New product! **“Biodegradable mulch film”** produced from tapioca starch. Leaving no soil pollution behind.
- ✔ Enhancing photosynthesis activity, limiting weed growth, and saving more water and fertilizer
- ✔ Hole customization



Biodegradable Mulch Film, Nakhon Ratchasima

## Pond Liner Film

|                    |                           |
|--------------------|---------------------------|
| Color(s)           | white-black, white, black |
| Width (meter)      | 6-10                      |
| Length (meter)     | 100                       |
| Thickness (micron) | 150, 200, 300, 500        |

- ✔ High quality with excellent physical properties
- ✔ High flexibility
- ✔ Suitable for shrimp/fish farms, reservoir, etc.
- ✔ Customization is available
- ✔ For thicker sheet, HDPE Geomembrane is available from 0.50-2.00mm



Pond liner film 300 micron for shrimp farm, Chanthaburi Province



## Grow bag



Black-white colors



White grow bag for roses

- ✔ Standard size 7" x 13" x 80 micron
- ✔ Black-white bag is specially designed for solving overheating problem and stimulating active roots
- ✔ Size and hole for customization are available

## Greenhouse accessories

VSC is a total growing solution provider which offers not only agricultural films but also one stop service for building high quality greenhouse that match growers' requirements.



Premium insect netting



PE repair tapes from Japan

- ▲ Insect netting (16,20,32,40 mesh)
- ▲ PE repair tape (clear, black) for fixing greenhouse film or pond liner film
- ▲ Galvanized steel gutter/ spring
- ▲ Greenhouse wind strap
- ▲ Clip lock (1/2", 3/4", 1")
- ▲ Shading net
- ▲ Ground cover (black, white)



Nursery films (black-white, clear) for Shrimp Greenhouses, Surat Thani



Cannabis Greenhouses, Chiangmai



Royal Project Foundation, Chiangmai



Reservoir, Trat Province

### Reference Projects

- The Royal Project Foundation, Chiang Mai
- Highland Research and Development Institute (Public Organization)
- Charoen Pokphand Foods Public Co.,LTD. (CPF)
- Chia Tia Company Limited
- Sahafarms Company Limited
- Leaf greenhouses, Cambodia
- Ohkajhu Restaurants
- Cannabis and hemp greenhouses for medical use
- Greenhouses in Vietnam and Indonesia
- Naresuan University/Sukhothai Thammathirat Open University
- Chiang Mai University




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