

## **AGRICULTURAL FILMS**

Solutions for Sustainable Growth

## About VSC



VSC at Bang Pu Industrial Estate, Samut Prakan

Established in 1979, VSC is the leading manufacturer and marketer of polyethylene films and sheet (P.E.) in Thailand in 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, Indonesia, etc.



“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.



### PhotoSelective film

Select only wavelength 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, prevent 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

Type (S)	PE Film , biodegradable
Color(s)	black-silver, black-black, black-white
Width (meter)	0.80, 1.00, 1.20, 1.50
Length (meter)	360, 400
Thickness (micron)	20, 25, 30, 35, 40

VSC multi-layer mulch film, one or two colors, has excellent mechanical properties. Black on the side facing down prevents light penetration and reduces the germination of weeds. Shiny silver or white on the side facing up enhances photosynthesis and repels insect pests which can use less pesticide. Other benefits such as save water usage especially in dry season and maintain humidity in the root zone.



## Livestock film

Color(s)	white-black, white, black
Width (meter)	6-13
Length (meter)	50-100
Thickness (micron)	200-500

Livestock film is suitable for animal farm in evaporative cooling system especially in chicken farm and pig farm. It provides better animal welfare standard, better uniformity and FCR with hygienic conditions, better control of temperature and moisture, and protect diseases from outside such as bird flu, swine flu. Film provides in many colors for users to select and match with their requirements.





## Grow bag



Black-white colors for bell pepper



White grow bag for roses



Long bags for melon

VSC grow bags are especially designed for solving overheating problem by using white color to reflect IR radiation to create more suitable environment for plants to grow. Opaque black inside promotes active root to grow faster. Customization is also available.

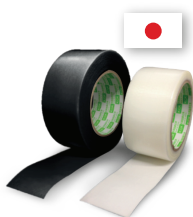
Color(s)	White-Black	White
Specification	7 inch x 13 inch	7 inch x 14 inch
Thickness (micron)	50, 80	200

## 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)



Cannabis Greenhouses, Thailand

## 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

## Contact us

### Vis and Son Company Limited (VSC)

112/2-3 Moo12 Bangplee-Kingkaew Road, Bangpleeyai, Bangplee, Samutprakarn 10540 Thailand.

Tel: +662-316-3384, +662-751-0582 Mobile: +6681-732-6623

Fax: +662-751-0583, +662-751-1614

E-mail: [Info@vsc.co.th](mailto:Info@vsc.co.th)

[www.vscfilm.com](http://www.vscfilm.com)

### Chiangmai branch

269 Moo 3, Mae Sa, Mae rim, Chiangmai 50180

Tel: +6698-986-2732, +6697-923-6634



[info@vsc.co.th](mailto:info@vsc.co.th)



Facebook : พลาสติกเพื่อการเกษตร VSC



Line official account : @visandson



[www.vsc.co.th](http://www.vsc.co.th)

