



Style : SYF001

Thickness : 25um-80um

Name : **water soluble film...**

Colour : white、 green etc



Style : SYF004

Thickness : 25um-80um

Name : **water transfer film**

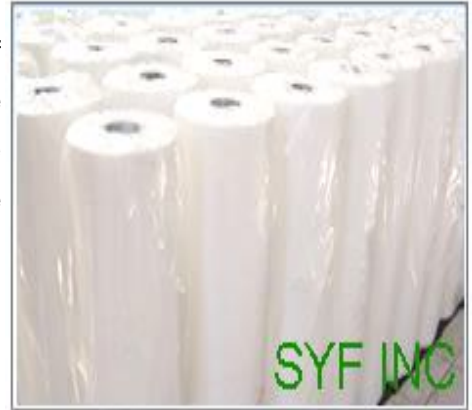
Colour : white、 green etc



Plain film

The series of **water-soluble PVA films** are a new concept of environmental protection packing material; critical equipments, technology and material from foreign countries had been introduced and exploited by Fujian Yongan Sanyuanfeng Water Soluble Films Co., Ltd and some domestic researching institute. PVA film is verified by microorganism tests that **PVA** is non-toxic and doesn't restrain from the growth of microorganism and can be degraded totally by water, It has no any bad effect on environment but improve the land, Once **PVA** is dissolved in water, specific microorganism will cause it activated sludge, solutions of **PVA** will be decomposed into water and carbon dioxide so the water-soluble is green environmental Product.

As **water-soluble PVA films** have the advantages of solubility and retard property and are friendly to the environment, they have become one of the most successful environmental protection products through-out the world in recent years. They have been popularly accepted by the environmental protection organizations and consumers. More and more water-soluble PVA films are applied for the fields of packaging, textile, embroidery, and



Embossed film

water-transferred printing etc. for example, packaging for agrochemicals, chemical fertilizers, dyestuffs, detergents, water-sewer additives, mineral additives, concrete additives, chemicals for photography and gardening etc, but also for the packing of vegetable seeds, plant seeds, clothing, food and laundry bags in hospitals. In addition, it can be used for textile or embroidery underlay and **water-transferred printing** and mold release process. This kind of film is favored by environment department of Europe, USA and Japan government. Foreign pesticide and chemical company use the film to pack its products. It has been produced and sold in batch in Japan, America and France etc. **water-soluble packaging** is mainly used by some notable corporations, for example, Bayet, Heakel, Shell and Ag.Eva etc. The environment protection is more and more important to humankind. As the standard of environment protection is upgrading, It will get popular acceptability in developed countries because of its unique characteristic and environment protection property.

Products

1、 According the time of dissolving, the film has three types, quick, middle, difficult, all depend on its thickness and water temperature. Thicker film makes slow dissolving, high temperature makes fast dissolving.

the time of dissolving of **water soluble film**
(eg:thickness:30um temperature:25°C)

Type	the beginning of dissolving (sec.)	total dissolving (sec.)
quick	<25 sec.	<5 minutes
middle	<5 minutes	<50 minutes
difficult	can't dissolve when temperature is under 40°C	total dissolving when temperature is over 80°C

- 2、 Appearance has brightness and embossment
- 3、 The color has a chromaticity and red, blue, yellow, green

二、 Specification

Item	Fast soluble film	Medium soluble film	Difficult soluble film
Applications	Agrochemical packing, Herbicide packing bags, Artificial-haired, Embroidery, Cleansing products packing bags, Laundry bags, Water-transferred printed films	Seed tapes, Compound film for food packing, Laundry bags	Textile packing bags, Buffer air cusion of packaging, Laundry bags, Mode release

Specification of pva film

1、 roll

thickness (um)	25-60
wideness (cm)	20-160
length (m)	50-1000

2、 sheet The film would be produced in square, round, abnormity by customers ordering.

Specification water soluble PVA bag

PVA **water-soluble film** is being used in chemical, agriculture and fertilizer packing. It could be processed according to customers demand of any size and specification.

PVA flat bag	100 mm X 100 mm~1000mm X 1000 mm
Width(cm)	20 50 80 100 110

Vest bag & Gusset bag etc. Process according to clients' demand of any size and specification

Note:

A.Thickness and wideness could be processed according to customers demand.

B.Transparence,white, yellow,green and blue etc.