

# Greenhouse 6 mil Poly Cover

## INSTALLATION GUIDELINES



B2320 / 6 mil / 4 Year  
16 ft W or 20 ft W / Lengths 25 ft, 50 ft, 75 ft

Our poly maintains a warmer climate and promotes more rapid plant growth. It transmits over 90% of sunlight, is UV protected, and the extra strength of 6-mil thickness resists wind and snow. Features two, high-tech ingredients. The Infrared component saves energy by slowing loss from the greenhouse of infrared (heat) waves. 4-yr. mfg warranty.

**Please Note:** UV stabilized films should never be used in contact with PVC pipe as a reaction will occur, resulting in damage to the film and voiding the warranty.

Both Metal and PVC pipes should be insulated with a tape between the pipe and the poly. Painting the PVC pipe with latex paint (a light color) will prolong the life of the pipe and the poly.

- 1) Store the film in a shady area, on a flat surface, balanced and covered. It is recommended to keep a sample piece of film with manufacturer's identification for future reference.
- 2) Before installing the film, paint all metal, PVC and wood surfaces that will touch the poly with latex paint. Never use oil-based paint.
- 3) Avoid film direct contact with any PVC plastic or vinyl. Paint PVC pipe or install foam tape as a buffer between pipe and poly film.
- 4) The film should be installed during early morning hours (cold, without wind), and pulled evenly down the length.
- 5) Re-stretching is done after the film gets warmer.
- 6) Both surfaces of poly should be as smooth as possible to enable better water "sheeting."
- 7) Do not stretch film on hot days as it will contract when cool and may weaken.
- 8) Installation of the roof and sidewalls should be done at the same time.
- 9) Use outside air to inflate double poly layers as it is less humid and less likely to contain chemicals.
- 10) Avoid direct spraying of any chemical on film surface.
- 11) Use only repair tape recommended for poly film.
- 12) Shade screen should not rest directly on the poly,



Charley's customers  
Susan & Bill  
Spokane, WA

Video & Tips @ [susansinthegarden.com](https://www.susansinthegarden.com)

<https://www.susansinthegarden.com/2014/10/hoop-house-project-2/>

*"My husband, Bill, and I just finished building a hoop house in our vegetable garden so we can grow veggies through the fall and winter months. A hoop house is a greenhouse that is covered with plastic rather than glass or polycarbonate panels.*

*"The goal was to create a structure that would cover two of our 3' x 8' raised beds and the pathway in between them. During the colder months of the year, those two beds will be used for growing cold-tolerant greens and other crops. In the spring and summer months, I'll grow a few warm-season crops like tomatoes, cucumbers and melons in them, to give them an environment that will encourage great productivity.*

*"We wanted to build something that would be sturdy enough to withstand strong winds and heavy snowfall, yet be light enough for two to four people to pick up and move to another location in the vegetable garden. That's because we rotate our crops each year to reduce any problems with insects or disease ..."*

as heat buildup can weaken the poly film.

13) When necessary, the poly cover should be stretched smooth between seasons, and especially after strong winds.

14) In summer, it is possible to whitewash the roof to reduce heat intensity. This should be done only with recommended materials for polyethylene films. It is not recommended to whitewash films immediately after installation. Using adhesive materials makes cleaning the films more difficult.

15) Sulfur and insecticides containing sulfur or halogens cause damage and erosion to polyethylene films. When using an insecticide spray gun, do not wet the film (especially when spraying tall or trailed crops).

### CHEMICALS HARMFUL TO GREENHOUSE POLY COVER:

Banrol, Chloropiorin, Chlorine gas, Chlorpyrifos, Dithiocarbamates, Fluvalinate, Vinclozolin, Chlorothalonil, Captan, Mancozeb, Chlorine Bleach, Formethanate Hydrochloride, Bromoxynil, Iprodione, Silver Thiosulfate, Methomyl, Metham Sodium, Dienochlor, PNCB, Diazinon  
Copper Sulfate, Hypchlorites.

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*Charley's* GREENHOUSE & GARDEN

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