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“SolarLite” Polymer Filter Sheets

New, improved ‘SolarLite’ film replaces previous ‘Black Polymer’ film. One layer with the protective properties throughout the substrate. Silver side should face sun. Transmission: 1/1,000th of 1%. Clean only if necessary since the surface can be scratched easily. Loose dust can be blown off using up to 15 PSI air pressure no closer than 6 inches from the surface.

Mounting: The fastest and easiest method is to simply wrap the film around the end of the lens or telescope tube and retain with two or more rubber bands. Some wrinkling will not degrade the image of the sun. With some additional effort, the film can first be attached to a circular tube with an inside diameter close to the outside diameter of the lens barrel or tube. This will allow easy attachment and removal without damaging the film. We recommend leaving the film in the protective packaging when cutting to size.

Important:

- The filtering must be done in front of the camera lens, telescope tube, or binocular objectives. Do not use the solar film over the eyepiece or film may melt due to the magnified energy.
- If your telescope has an optical viewfinder, keep it covered or make an additional filter for it.
- Check filter for any damage before each use.
- Avoid touching the surface of the film.
- Do not leave the instrument unattended where children or inexperienced adults could point it at the sun without the filter properly attached.
- Make certain that the filter is firmly attached and cannot be bumped or blown off the instrument. Even a quick "flash" of magnified, unfiltered sunlight can cause injury.