



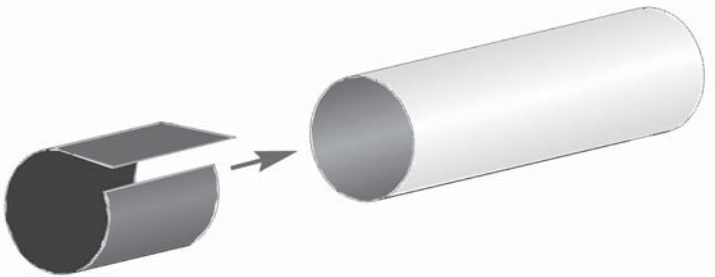
FlockBoard Light Trap Sheet Installation Tips

About **ProtoStar** FlockBoard Light Trap Sheet

FlockBoard is an excellent material choice for lining the upper cages in Dobsonian Newtonian telescopes, as well as lining smaller solid-tube telescopes. One surface features the same ultra-low reflective flocked surface that our traditional flocking uses, but it is bonded to a 0.030" semi-rigid plastic sheet substrate. It's stiff enough to be self-supportive when rolled up, but still easy to cut with scissors or a utility knife.

The light absorbing side is specifically engineered as a light trap surface (unlike some flocked papers that are just for decorative texturing). It is designed to have almost zero reflectivity at all angles of viewing. It is made from 100% synthetic materials, and is not damaged by normal dew and moisture. It will not shed fibers onto your optical surfaces under normal use. (Note: There may be trace amounts of residual flock fibers left over from the manufacturing process. This can be easily removed with a lint roller, and only needs to be done one time.)

General Installation Tips



- Cutting the material to the proper size is usually easiest by doing a trial installation into your telescope tube or cage, and marking where it needs to be cut. Remove the sheet, mark a line with a long straight-edge, and trim to the desired size.
- When installing into a solid-tube telescope, glues or tapes are usually not required. The spider and other components will keep the rolled up sheet in place. When installing into a large Dobsonian upper cage, double-sided tape, glue, or small screws might be needed to keep the FlockBoard from flopping out of place.
- If you have a scope with a metal tube, consider packing thin strips of foam at each end in between the FlockBoard and the tube wall. The resulting air gap will insulate the tube's interior, and prevent cold air drafts throughout the night.

Maintenance

Depending on your use, you may occasionally need to remove dust or other particles from the flocked surface. This is best done with a rolling tape lint remover (typically used for clothing). **Do not try to vacuum the inside, as this can scuff and damage the flocking.**

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