

INSTRUCTIONS FOR CONSTRUCTION YOUR OWN SOLAR FILTER

Kendrick Astro Instruments assumes that due care and diligence will be performed in the construction of your filter. Kendrick will not be responsible for errors made in construction or use of the filter. Kendrick recommends that filters be constructed by responsible adults only.

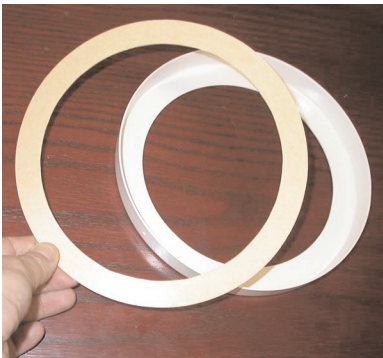
These instructions assume you have purchased a Kendrick R-60 aluminum solar filter ring.

Baader Astro Safety Film must be purchased separately. The Kendrick ring will include:

1 x R-60 Powder coated aluminum ring

3 x 3/8" nylon thumb screws

3 x self adhesive black felt pads



1. Cut a flat ring out of suitable material to which you will eventually glue the Baader Astro Solar Safety Film. This can be cut out of card stock, Stiff plastic, cardboard etc, anything that is reasonably robust and can be glued to. Make sure it fits properly into the aluminum ring before attaching the Baader Astro Solar Safety Film to it.

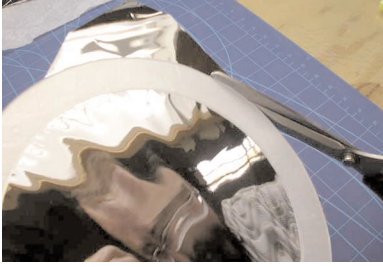


2. Tape down the four corners of your Baader Astro Solar Safety Film to a clean, dust free, dry work surface. Do not stretch the film as you do this as this will ruin the film but it should be tight.

3. Using silicone glue, acrylic caulk or a double sided tape, cover the entire side of one side of the ring with glue or tape. Go sparingly on the glue or caulk as you do not want it pressing out into the open filter area. We like acrylic caulk as it is fairly easy to remove if the filter should ever get damaged and needs replacing.

4. Now, carefully place the ring glue or tape side down, onto the Baader Astro Solar Safety Film. Let the glue dry before attempting to handle the film. Refer to the drying times indicated with the glue you have chosen to use. If you have used double sided tape it can be handled immediately.



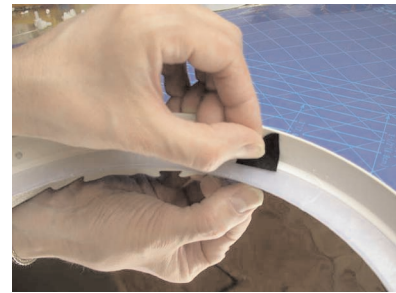


5. Trim off the excess film around the outside of the ring.

6. Place a thin application of glue along the inside edge of the R-60 ring and press the ring with the attached filter material into the metal ring. In this image we have inserted the flat ring into the Solar Filter ring and are applying the glue along the outside edge. We recommend placing the ring with the attached filter material in so that the material is sandwiched between the ring you have made and the aluminum ring. Allow adequate time for the glue to dry before using the filter. Refer to the drying times supplied with the glue you have used.



7. Peel the white paper from one of the black felt tabs and apply the felt tab to the inside edge of the R-60 ring. The three tabs should be equally spaced from each other around the inside edge of the ring. These are meant to protect your telescope from possibly being scratched by the filter.



8. Screw in your three nylon thumb screws. The holes in your R-60 ring are pre-tapped. Your filter is now ready for use.