

EYEPIECE SUN FILTERS = BAD
“LENS CAP” STYLE FILTERS GOOD!

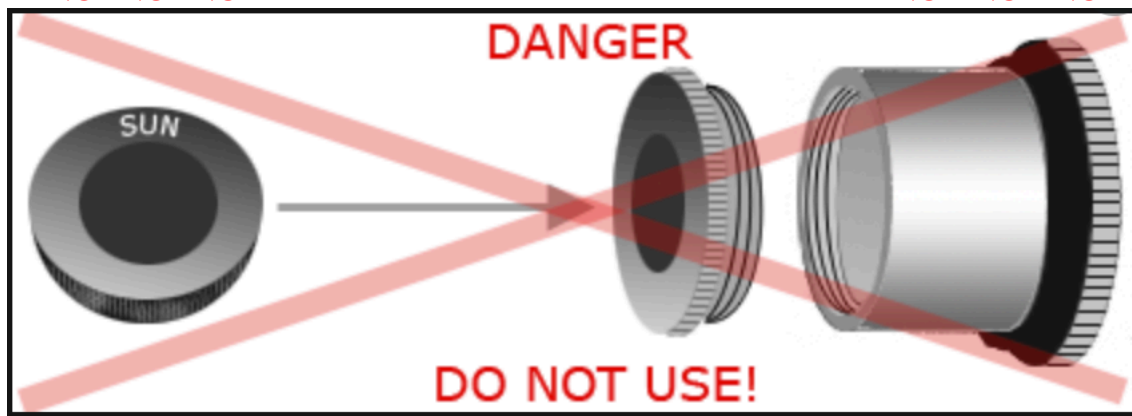
An explanation, with photos!

THESE TWO IMAGES SHOW OCULAR or EYEPIECE SUN FILTERS. THEY’RE DANGEROUS. READ ON.



NO NO NO

NO NO NO



INCORRECT ABOVE:

SUN FILTERS THAT ATTACH TO EYEPIECES ARE BAD FOR TWO REASONS:

- 1. The filter only covers the eyepiece, which is at the very end of the sunlight’s path through the telescope. This means straight full sunlight fills the main telescope body, then heat builds up which **can melt plastic components**.**
- 2. If you rapidly and frequently swap eyepieces like many folks do—myself included—it’s VERY easy to forget that your sun filter is attached to the eyepiece you just removed...and **you can toast your retinas** with the unfiltered eyepiece you just hastily inserted!**

NO JOKE: Only a sun filter that **covers the aperture is**

truly safe (see below!) and this applies to binoculars too!
CORRECT BELOW! The silver-rimmed sun filter covers front of the entire telescope tube, so only filtered sunlight enters the instrument. Internal components AND YOUR RETINAS are shielded!



Here's me on 8/21/17 with my home-made, aperture-covering, lens-cap sun filters!

