

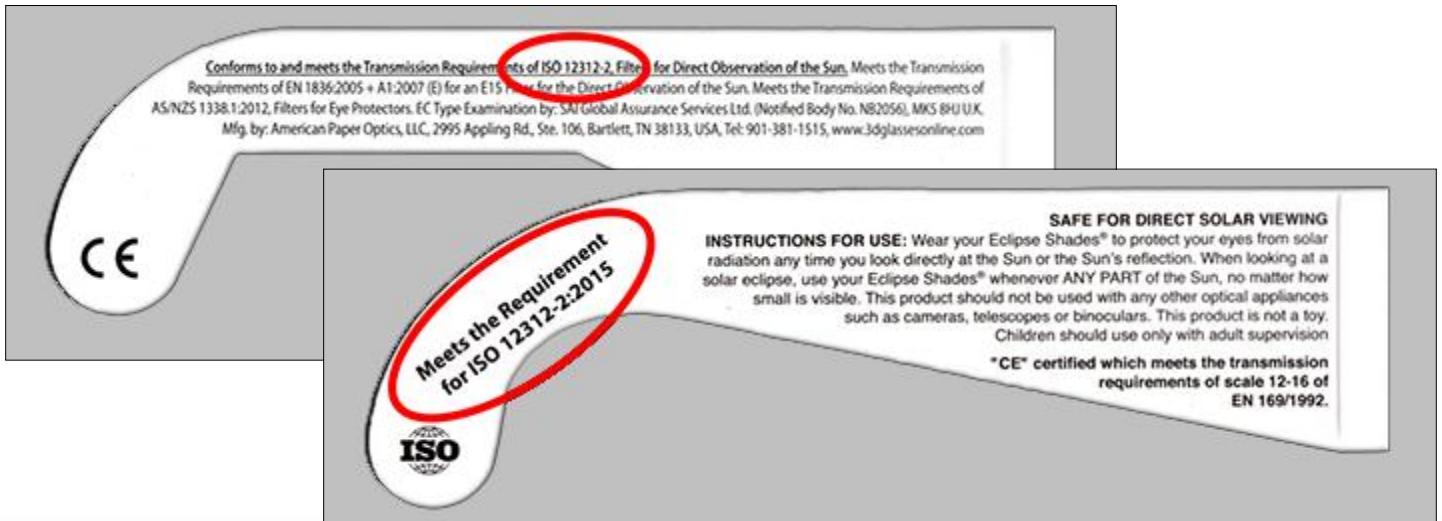
How to Tell If Your Eclipse Glasses or Handheld Solar Viewers Are Safe

Adapted from *The American Astronomical Society*

<https://eclipse.aas.org/eye-safety/iso-certification>

We used to say that you should look for evidence that they comply with the ISO 12312-2 (sometimes written as ISO 12312-2:2015) international safety standard for filters for direct viewing of the Sun. Filters that are ISO 12312-2 compliant not only reduce visible sunlight to safe and comfortable levels but also block solar UV and IR radiation.

Unfortunately, the marketplace is being flooded by counterfeit eclipse glasses that are labeled as if they're ISO-compliant when in fact they are not. So now we suggest that you make sure you get (or got) your eclipse viewers from one of the reputable suppliers listed below.



Reputable Vendors of Solar Filters & Viewers

Solar Filter Brands

The following well-known telescope and solar-filter companies manufacture and/or sell eclipse glasses (sometimes called eclipse shades) and/or handheld solar viewers that have been verified by an accredited testing laboratory to meet the ISO 12312-2 international safety standard for such products.

- American Paper Optics (Eclipser) / EclipseGlasses.com
- Baader Planetarium (AstroSolar Silver/Gold Film ONLY)
- Rainbow Symphony (Eclipse Shades)
- Thousand Oaks Optical (Silver-Black Polymer & SolarLite)
- TSE 17 (Solar Filter Foil)

Some (not all) locations in the following retail chains sell ISO-compliant safe eclipse glasses and/or handheld viewers made by the companies listed above, so you can confidently buy solar viewers if you find them in their stores.

Retail Chains

- 7-Eleven
- Bi-Mart
- Casey's General Store
- Circle K
- Hobby Town
- Kirklands
- Kroger
- Love's Travel Stops
- Lowe's
- Menards
- Pilot/Flying J
- Toys "R" Us
- Walmart

<https://eclipse.aas.org/resources/solar-filters>

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