



# Nasa list of solar filter companies

Where are our solar filters made?

Tens of thousands of our solar filters and millions of our eclipse viewers are in use worldwide. All filters are made in the U.S. Please see our Ordering Information page for up to date product availability and payment options.

Who uses a solar filter?

Other professional users include: ABC, BBC, CBS, NBC, CNN, NOVA, The Discovery Channel, National Geographic, and most major universities and observatories throughout the world. We use the latest technology for manufacturing and developing new products. Tens of thousands of our solar filters and millions of our eclipse viewers are in use worldwide.

What is a solar filter for optics?

Solar filters for optics are meant to go over the aperture, i.e., the front opening, and should be used only by experienced observers. We have intentionally randomized these listings so as not to give an unfair advantage to companies whose names put them near the top of alphabetized lists.

What is a special-purpose solar filter?

"Special-purpose" means designed exclusively for looking directly at the everyday Sun. Filters for direct viewing of the Sun are typically sold in the form of wearable "eclipse glasses" or as solar viewing cards (typically the size of 3-by-5-inch index cards) that you hold in your hand.

Are aperture solar filters safe?

AAS Solar Eclipse Task Force members and other astronomers have extensive experience safely using aperture solar filters to observe the uneclipsed or partially eclipsed Sun, and the suppliers we're familiar with are already on our list. If you're not on our list, how do you convince us that your products are safe?

Do I need to remove the solar filter?

You must remove the filter if you want to shoot any pictures during totality! The filter is only for use during the partial phases of the eclipse or when no eclipse is happening. Sources of a similar device: East Fox Studio, Tember Camera Solar Filter / Rezos LLC.

A total solar eclipse crossed North America on April 8, with the moon completely blocking the face of the sun, darkening the sky and creating a path of totality for so many parts of the United States.

Final Venus Flyby for NASA's Parker Solar Probe Queues Closest Sun Pass. article 3 days ago. 6 min read. NASA's Hubble, Webb Probe Surprisingly Smooth Disk Around Vega ... every state in America has made a contribution to the success of NASA's Artemis program, with companies hard at work on innovations that will help establish a long-term ...

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While visiting NASA Headquarters in Washington on March 19, 2024, astronauts Stephen Bowen, left, Frank Rubio, Warren Hoburg, and UAE (United Arab Emirates) astronaut Sultan Alneyadi, right, posed for a photo wearing solar viewing glasses ("eclipse glasses"). Eclipse glasses with the ISO 12312-2 international standard or a safe handheld solar viewer ...

The AAS says its list includes "companies and organizations with which members of the AAS Solar Eclipse Task Force have had good experience as well as other companies and organizations that have ...

The AAS's Reputable Vendors of Solar Filters & Viewers page doesn't list any suppliers of welder's filters, only suppliers of special-purpose filters made for viewing the Sun. An alternative method for safe viewing of the partially eclipsed Sun is indirectly via pinhole projection .

How can you tell if your eclipse glasses are safe? With the annular solar eclipse just around the corner on Oct. 14, 2023, here is a quick and easy way to make sure your eclipse glasses are safe to use. When watching an annular eclipse directly with your eyes, you must look through safe solar viewing glasses ("eclipse glasses") or a safe handheld solar ...

The Water Recovery System purifies and filters the station's water, recovering and recycling 93% of the water astronauts use in space. This technology has been licensed to adapt it into an Earth-based water treatment system. The first of many ground-based water filtration systems using NASA technology was installed in Iraq in 2006.

NASA has selected 17 U.S. companies for 20 partnerships to mature industry-developed space technologies for the Moon and beyond. The NASA and industry teams will design a 3D printing system for NASA's Artemis lunar exploration program, test a simple method for removing dust from planetary solar arrays, mature a first-stage rocket recovery system for a ...

The total expected NASA contribution to the partnerships is \$150 million. Each company will contribute a minimum percentage - at least 10-25%, based on company size - of the total project cost. NASA's Space Technology Mission Directorate (STMD) will issue milestone-based funded Space Act Agreements lasting for up to four years.

NASA initially recommended four certified manufacturers but has added to that list of certified eclipse glasses and handheld viewers that meet the ISO 12312-2 international standard for eye and ...

Thousand Oaks Optical has been manufacturing safe solar filters for more than 35 years. According to the official website of the company their filters were used by NASA aboard the space shuttle as well as other professional users. Their threaded black polymer solar filter fits camera lenses with a 77mm diameter and is CE & ISO approved.



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Final Venus Flyby for NASA's Parker Solar Probe Queues Closest Sun Pass. article 2 days ago. 6 min read. NASA's Hubble, Webb Probe Surprisingly Smooth Disk Around Vega. ... then click the Register button to register your company in the NASA Vendor Database. Do a lookup of your company's UEI to pull information from sam.gov and review the ...

Soluna Solar Eclipse Glasses have this advantage that these glasses are manufactured by the NASA approved American Paper Optics. These glasses will filter harmful radiations and will filter 100% of ultraviolet and infrared while 99.99% of visible light. They are reliable and are ISO and CE ...

Did you know?The way to safely view an annular eclipse and a total solar eclipse is different. Learn how to view the 2023 annular solar eclipse here and the 2024 total solar eclipse here. Eclipse Eye Safety Except during the brief total phase of a total solar eclipse, when the Moon completely blocks the Sun's bright face, it [...]

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Solar Eclipse Activities for Libraries (SEAL): The nation's most extensive single eclipse outreach program, SEAL, has distributed 5 million solar viewing glasses among 13,000 American libraries.

Rick Fienberg, the project manager of the AAS Solar Eclipse Task Force and a veteran of 14 total solar eclipses, offered some caution. "Solar filters are at least 1,000 times darker than even the ...

NASA Solar Eclipse Publications Online. The Five Millennium Canon of Solar Eclipses contains maps of every solar eclipse from -1999 to +3000 (2000 BCE to 3000 CE). The supplemental Five Millennium Catalog of Solar Eclipses contains 201 pages of tables giving details for each eclipse.. NASA TP2006-214141: Five Millennium Canon of Solar Eclipses: -1999 to +3000 (2000 BCE ...

BandPass Filters (CDH) Command and Data Handling (COTS) ... public filings with government agencies, and news articles. There is no intention of mentioning certain companies and omitting others based on their technologies or relationship with NASA. ... NASA "Integrated Solar Array and Reflectarray Antenna (ISARA) for High Bandwidth CubeSats ...

Fienberg is responsible for the American Astronomical Society (AAS) Suppliers of Safe Solar Filters & Viewers, a list of companies that have submitted test reports that confirm they are either ...

The American Astronomical Society curated a list of companies that manufacture, import and distribute glasses, handheld solar viewers and sheets or rolls of solar filter material.

JSC Contractors View Excel Spreadsheet of the latest list of JSC Contractors Notice: The list of contractors is



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updated on a quarterly basis to account for. ... Final Venus Flyby for NASA's Parker Solar Probe Queues Closest Sun Pass. article 4 days ago. ... NASA explores the unknown in air and space, innovates for the benefit of humanity, and ...

NASA-approved solar eclipse glasses?? ... These filters are the lens material contained in your eclipse glasses. All eclipse glasses must meet this standard, ... The Eclipse2024 website is owned and operated by Eclipse2017 , inc., a for-profit company. Top ...

Bonus Smartphone Photo Filter - Each pack includes 1 Solar Imaging Enhancing Photo Lens to turn your smartphone camera into a solar imaging capable camera, crafted for capturing the enchantment of solar events with unparalleled precision. From the mesmerizing partial phases to the awe-inspiring diamond ring effect and the ethereal totality, our filter guarantees the ...

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