

BAADER PLANETARIUM

GmbH

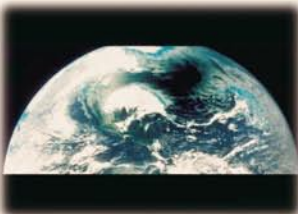
© Dr. Siegfried Knauth



Total solar eclipse



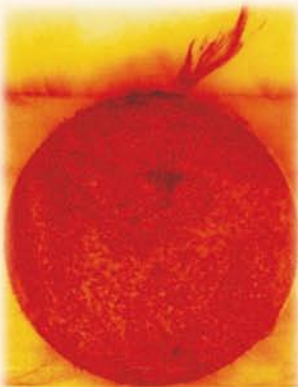
Sunsspots in comparison to Earth



Sattelite image of a solar eclipse



Scenery during eclipse totality



Sun with giant prominence



BAADER AstroSolar™ Safety Film

Ideally suited for production of Objective-Solar-Filters, for Binoculars, Telescopes, Photo- and Video-Cameras.

● AstroSolar™ Safety Film is a patented, specially manufactured streak- and blister-free film (no Mylar).

● The basic development of this precision film was made in laboratories for nuclear and particle physics. Due to its absolute homogeneity, the foil attains the optical performance of high quality plane-parallel glas-filters.

● High density coatings on both sides of the foil ensure a highly uniform filtering capacity without pinhole effect, to result in an extremely contrasty solar image with neutral density characteristics. The sun appears in its real „color“ – neutral white – not blue or orange.

● The coating of AstroSolar™ Safety Film is subject to constant quality control. Its reflective property and security for direct solar observation is being tested repeatedly by the PTB, the



German National Bureau of Standards for Eye-Safety. Conformity with world safety standards is certified with the CE-symbol.

● AstroSolar™ Safety-Film has been chosen by Carl Zeiss Germany for production of millions of eclipse viewers.

BAADER AstroSolar™ Safety Film is available in following sizes:

- BAADER AstroSolar™ Safety Film A4 Optical Density 5,0 (in Poly Bag), Size: 200 x 290 mm, incl. detailed instructions for production of your own objective-solar-filter-cell
- BAADER AstroSolar™ Safety Film 1/2 sqm Optical Density 5,0 (in Poster Tube), Size: 1000 x 500 mm, incl. detailed instructions for production of your own objective-solar-filter-cell
- BAADER AstroSolar™ Foto Film 1/2 sqm Optical Density 3,8 (in Poster Tube), Size: 1000 x 500 mm, incl. detailed instructions (and warning labels) for production of a photographic solar filter, suitable for eyepiece projection photography.
NOTE: AstroSolar™ Foto Film ND 3,8 needs further filtering for safe visual use! Never use w/o additional eyepiece filter.

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ASTRONOMICAL INSTRUMENTS

Zur Sternwarte • D-82291 Mammendorf • Tel. +49 (0) 81 45 / 8089-0 • Fax +49 (0) 81 45 / 8089-105
www.baader-planetarium.de • kontakt@baader-planetarium.de • www.celestron-deutschland.de • www.sbig.de

