

Baader Solar Continuum Filter 1¼" (540nm)

- Baader 1.25" Solar Continuum Filter, 10nm / CWL 540nm
- A must for owners of achromatic refractors. This filter cuts the spectral range transmitting a specific spectral range around 540nm, completely cutting out blue and red wavelengths in an area of the lens system that where the optics are at their sharpest.
- Enhances contrast and reduces the effect of atmospheric turbulence.
- This filter must be used in conjunction with a Baader Herschel Wedge or Baader AstroSolar Safety Film for solar observations otherwise eye or equipment damage may occur.
- Planeoptically polished, non-ageing sealed coating edges.

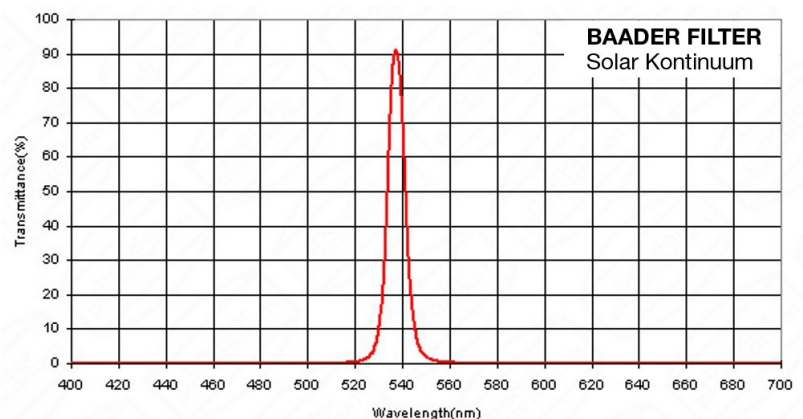
IMPORTANT INFORMATION FOR SOLAR OBSERVING

The Solar Continuum Filter may be used for purely **VISUAL** observation **ONLY** in conjunction with the **Baader Herschel Prism** or with the **Baader AstroSolar Safety Film (ND 5.0)**.

The combination of AstroSolar Photo Film (ND 3.8) and Solar Continuum filter is used exclusively for photography of the sun at high magnifications. This combination is highly apt to capture the finest solar surface detail and granulation at extremely high magnification while enabling ultra-short exposure (measured in milliseconds) in order to freeze atmospheric turbulence.



2458390



DESCRIPTION	RELATED ARTICLES	SPECIFICATIONS	FAQ	DOWNLOADS
MANUFACTURER		Baader Planetarium		
SKU (#)		2458390		
EAN CODE		4047825009395		
WEIGHT (KG)		0.059		
TRANSMISSION RANGE		535 – 545 nm		
FILTER THICKNESS (WITHOUT CELL)		2 mm		
HBW (HALFBANDWIDTH)		10nm		
CWL (CENTRAL WAVELENGTH)		540 nm		
AR-COATING		dielectrically coated, planeoptically polished		
FILTER SIZE		1.25 inch		
FILTER USAGE		Contrast Enhancement, Solar		
FILTER MOUNTED		Mounted (LPFC 6mm)		
TYPE OF FILTER		Narrowband		
SINGLE OR SET?		Single Filter		
FILTER SHAPE		round		