

Orion® Moon Filters

#5662 1.25" Version, 13% transmission

#5594 2" Version, 13% transmission

#5598 1.25" Version, 25% transmission

#5455 1.25" E-Series, 13% transmission

Orion Moon filters allow allows comfortable viewing of the lunar surface. The Moon can be exceptionally bright, even during its partial phases. This extreme brightness can not only wash out subtle details of the lunar surface, but it can also cause eyestrain and fatigue. A Moon filter solves this problem by reducing the amount of light that gets to your eye without losing any important detail or making any color changes to the image. It is a "neutral density", or ND, filter, which consists of a coated glass disk in a metal or plastic cell. With the Moon filter installed in the barrel of your telescope eyepiece (usually), diagonal, or Barlow lens, you can comfortably view stunning lunar surface features during any of the Moon's phases, from crescent to full.



Cleaning and Maintenance

When not in use, the Moon filter should be kept in its original padded case, if it came with one, or in a protected slot in an astronomer's accessory case. Given proper care and storage, the filter should last a lifetime. Should the filter need cleaning for any reason, use the following directions to clean the filter without damaging it. Any quality optical lens cleaning tissue and optical lens cleaning fluid specifically designed for multi-coated optics can be used to clean the glass surfaces of your filter. Never use regular glass cleaner or cleaning fluid designed for eyeglasses.

Before cleaning with fluid and tissue, blow any loose particles off the surface with a blower bulb or compressed air. Then apply some cleaning fluid to a tissue, never directly on the optics. Wipe the lens gently in a circular motion, then remove any excess fluid with a fresh lens tissue. Oily fingerprints and smudges may be removed using this method. Use caution; rubbing too hard may scratch the glass.

Using the Moon Filter

To use a moon filter you just thread it into a 1.25" (for #5662, #5598, #5455) or 2" (for #5594) telescope eyepiece (or diagonal) that can accept threaded filters. You may also "stack" filters by threading another filter into the top of the first. After threading the filter into the eyepiece, place the eyepiece in the telescope and bring it into focus. You should now be able to view the Moon's detailed surface without any parts being washed out due to excessive brightness.

One-Year Limited Warranty

This Orion product is warranted against defects in materials or workmanship for a period of one year from the date of purchase. This warranty is for the benefit of the original retail purchaser only. During this warranty period Orion Telescopes & Binoculars will repair or replace, at Orion's option, any warranted instrument that proves to be defective, provided it is returned postage paid. Proof of purchase (such as a copy of the original receipt) is required. This warranty is only valid in the country of purchase.

This warranty does not apply if, in Orion's judgment, the instrument has been abused, mishandled, or modified, nor does it apply to normal wear and tear. This warranty gives you specific legal rights. It is not intended to remove or restrict your other legal rights under applicable local consumer law; your state or national statutory consumer rights governing the sale of consumer goods remain fully applicable.

For further warranty information, please visit www.OrionTelescopes.com/warranty.



Customer Support:
www.OrionTelescopes.com/contactus

Corporate Offices:
89 Hangar Way, Watsonville CA 95076 – USA

Copyright © 2017 Orion Telescopes & Binoculars

All Rights Reserved. No part of this product instruction or any of its contents may be reproduced, copied, modified or adapted, without the prior written consent of Orion Telescopes & Binoculars.