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Adjustable polarizing filter allows you to reduce the amount of light reaching the eye to the extent that allows you to clearly see the details of the observed objects - in particular the moon and bright planets. Transmission: 1-40%. >> FREQUENTLY ASKED QUESTIONS << Question : How does a single polarizing filter work? Why do you need two filters in the set? What is the physical basis of the operation of such a filter? Answer: The light of the moon and planets is a non-polar light. The polarizing filter "cuts out" the electromagnetic wave components with a specific polarization. Two polarizing filters can therefore "cut" almost all light on non-falling, and the transmission is regulated by the rotation of one filter against the other. For people who always want to understand exactly, we recommend an article about the [polarization of light on Wikipedia \(note: in English\)](#). Question : How do you fix the eyepiece filter? Answer: The filter is

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screwed into the eyepiece from the side of the extractor, ie from the opposite side than the eye. The offered set is used with 1.25" glasses. Among the currently offered eyeglasses there are no eyeglasses without a filter thread, so you can say that the set of polarizing filters can be used with EVERY 1,25" eyepiece. In addition, the sleeve in the set makes us independent from the presence of a filter thread, but as mentioned above, its main purpose is the ability to quickly replace glasses with polarized filters.