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A set of two polarizing filters in the 2" standard. Filters screw in two-inch glasses equipped with a filter thread or equipped with a filter thread sleeves, angular connectors, Barlow lens. The offered set is used to smoothly reduce the amount of light passing through the optical system. The filter is made of two rotating luminaires containing special polarizing filters that allow the regulation of light transmission in the range from about 1% to almost 50%. The Moon and bright planets are used, when a large amount of light entering our eye causes discomfort of observation (the picture is too bright and we lose the ability to see subtle details). This filter also reduces visible reflections in the telescope and increases the contrast of the images obtained. Filters included in the kit can be used individually (transmission below 50%) or two in total (transmission dependent on the relative position of the filters, in the range of about 1-40%). One or two filters can be screwed into a telescope with a diameter of 2" for optimal viewing conditions. >> 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 screwed into the eyepiece from the side of the extractor, ie from the opposite side than the eye. The offered set is used with 2

glasses. Among the currently offered eyeglasses on the market there are no eyeglasses without a filter thread, so you can say that the polarizing filter set can be used with EVERY 2" eyepiece.