

# Astronomik

## Astronomik XT Clip Filters

Astronomik Clip filters are a popular and very well known tool among astrophotographers world over. Sadly, image quality was limited when using them with very short focal lengths to take wide-field images: Even though the normal Astronomik filters are made of only 1mm thick glass, some wide-angle lenses showed aberrations in the edge of the field of view when used with Clip-filters.

The new Astronomik XT filters are coated on an ultra-thin substrate with a thickness of only 0.3mm! Due to that, the residual aberrations are minimized and stars are crisp and sharp right to the corner of the image.

Comparison image, taken with a Canon 700D and a Sigma 10-20 mm F4,0-5,6 EX DC Wide-angle lens at 10mm. Compare star sizes/figures with a conventional 1mm Astronomik filter and the 0.3mm Astronomik XT filter!



**Image 1:** Taken with an Astronomik CLS Filter with the normal thickness of 1mm



**Image 2:** Taken with an Astronomik CLS Filter XT Filter with a thickness of only 0.33mm