

ABRISA Technologies

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Custom Fabricated Filters for IR Illumination from Abrisa Technologies are Ideal for Night Vision Applications



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Santa Paula, CA – Abrisa Technologies, an ISO 9001:2008 and ITAR registered company designs and manufactures custom

fabricated filters for IR illumination completely block out any visible light; attenuating the visible spectrum, while passing invisible infrared, providing illumination in total darkness. These filters provide an ideal solution for night vision devices (NVD) and enhanced vision systems (EVS) in military and defense, law enforcement, and security applications.

The custom designed IR filters can be provided with a variety of anti-reflective (AR) coatings, improving the efficiency of the device. The reduction of unwanted reflection enhances the contrast of the image as stray or other ambient light is eliminated. Tempering of the filters for added strength and durability in hostile environment situations can be integrated as well for a highly robust filter configuration.

Ideal for vehicle mounted lighting applications, night vision binoculars and monoculars, night vision goggles, night vision rifle scopes and weapon sights, and night vision helmet mounted vision systems, Abrisa Technologies' IR illumination filters significantly improve detection and recognition capabilities of night vision surveillance technology, both short and long range.

The custom designed filters can be specified in sizes up to 27" in diameter and in thicknesses of 1mm and up. Abrisa Technologies can provide custom machined shapes, coatings, edge treatments, and finishes to meet critical application specifications and MIL standards.

The high performance filters can be provided in high volume production runs or in prototype samples.

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About Abrisa Technologies: <u>Abrisa Technologies</u> is headquartered in Santa Paula, California and is comprised of three divisions that provide precision optical products and services. The divisions include; Abrisa Industrial Glass, Inc., Sycamore Glass Components, and ZC&R Coatings for Optics. As a market leader in optical coatings and high quality precision glass fabrication, Abrisa Technologies is dedicated to providing premier customer service, and cost-effective products that fit each customer's exacting requirements. <u>www.abrisatechnologies.com</u>

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