

Defense & Aerospace Components

Andover Corporation's combination of decades of experience with airborne and spaceborne optics, along with our AS9100 certification, makes us uniquely qualified to produce precision coatings and components for the defense & aerospace market. We understand the challenges associated with this market, and have the equipment and expertise to design and manufacture parts suitable for the harshest of environments. When you have a mission-critical application, look to Andover Corporation for proven results.

Applications for our products include airborne surveillance, spaceborne and ground-based astronomy, machine vision, photolithography, agricultural imaging, hyperspectral imaging, medical imaging, water and gas analysis, calibration and more.



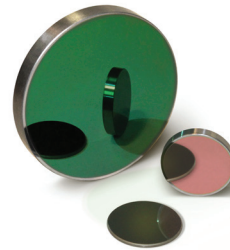
Steep-Edge Longpass Filters



Our steep-edge longpass filters employ magnetron sputtered hard oxide coatings to yield deep rejection and a sharp transition to very high transmission. The coatings are deposited on precision polished fused silica substrates, and do not

employ any absorbing filter glasses, making them suitable for high temperature applications. They are offered in three standard sizes, with custom sizes available on request.

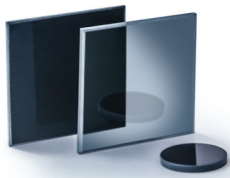
Infrared Coatings



Andover Corporation offers optical coatings for the long wave infrared band on substrate materials such as Germanium, Zinc Selenide, Zinc Sulfide, Silicon, Sapphire, and chalcogenides. Coating types include AR, bandpass, long

and short pass, dichroic and more. Andover can also design infrared coatings to function as dichroics, reflecting one region while allowing the transmittance of another.

Neutral Density Filters



Andover Corporation manufactures ND filters for use in the UV through IR wavelength bands. These filters exhibit outstanding neutrality, outperforming all other on the market. Our off-the-shelf stock includes a large selection of standard

sizes and densities. Custom sizes and densities are available on request.

Bandpass Filters



We produce bandpass filters over a much broader range than any other coating firm, from 193nm to 15 μ m in wavelength. Bandwidths range from very wide (>10%), to extremely narrow (<0.02%). We can produce custom bandpass filters with

very short lead times. We also have over 1000 different standard, off-the-shelf bandpass filters.

