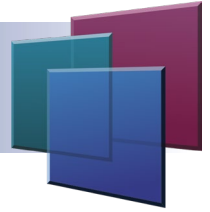
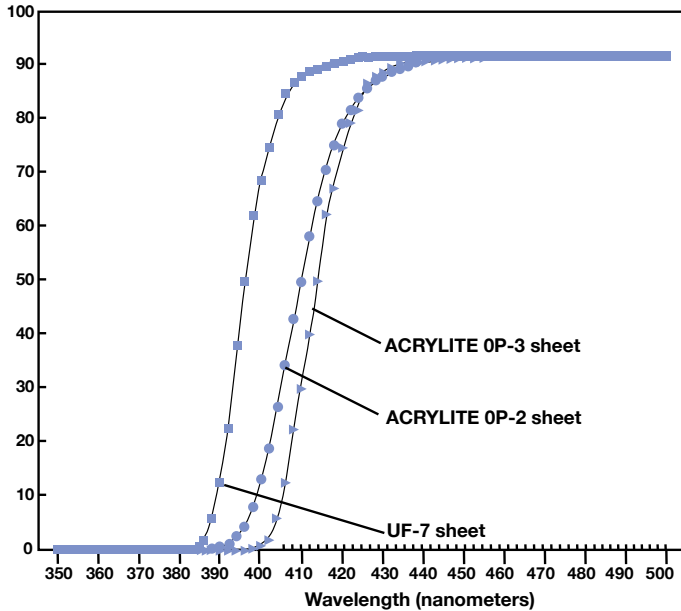


# OP2 & OP3 Acrylic



**SPECTRAL TRANSMITTANCE**



## Why specify UV-filtering OP-2 & OP-3 acrylic sheet?

The following Spectral Transmittance Chart shows the light transmission of UV-filtering OP-2 and OP-3 acrylic sheets. The chart illustrates the superior UV-protection that these products offer. OP-2 and OP-3 sheet filter out a greater percentage of the UV-range of light (200-400 nanometers) and offer excellent light transmission in the visible range between 400 and 700 nanometers. In addition, OP-2 and OP-3 sheet's technology eliminates the objectionable "yellow tint" evident in other UV-filtering products.

## The Clear Advantage in UV Protection

For your conservation needs, OP-2 cell cast and OP-3 continuously manufactured acrylic sheet provide unsurpassed protection from damaging ultraviolet (UV) light rays. These unique products are specifically designed with technology to ensure exceptional UV protection, excellent optical quality and clarity. These properties, combined with the sheet's impact resistance and ease of fabrication have established the OP-2 and OP-3 sheet as the standard for UV protection in the framing, conservation and museum markets.

OP-3 P-99 acrylic sheet is also available with a matte finish to reduce glare. For additional protection AR OP-3 and GAR OP-2 sheet combine UV protection with an abrasion and chemical resistant coating.

## Why is UV-light a concern?

Natural high polymer, from cellulose to protein, is decomposed by solar irradiation mainly in the UV light range. This UV-degradation is apparent when fabrics and paper become brittle, fade in color or turn yellow. UV-light is naturally present in sunlight and can also be present in artificial light sources such as halogen and fluorescent lamps. (UV-light is the range of spectral wavelengths from 200 to 400 nanometers.) To provide maximum protection and conservation of your art, documents and artifacts, it is critical to prevent exposure to the UV range of light.