

Solar Protection Film

NIR-2 is a coated polyester film which provides Near Infra Red blocking whilst provide a high level of visible light transmission. whilst blocking near infra-red radiation. This film is useful for containing unwanted NIR emissions, rejection of Solar energy that can interfere with the function of flat panel displays and providing a moderate level of contrast enhancement and EMI shielding with excellent optical characteristics.

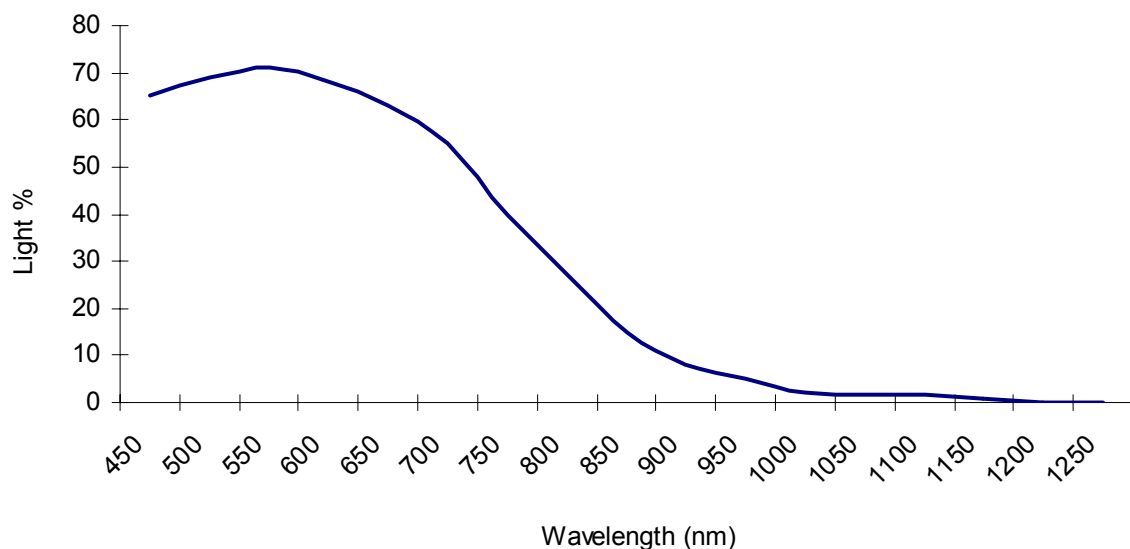
Description

The **NIR-2** filter is a multi coated light neutral density coloured polyester film. The corrosion resistant ITO coating also provides a level of EMI shielding effectiveness.

It is included as an option in our range of fully laminated optical filters or supply as a cut film for non-laminated integration. The choice of substrates include glass, acrylic and polycarbonate with optional anti-reflective and non-glare front surface finishes.

Optical Performance

The properties of the **NIR-2** filter the 70% visible light transmission with a sharp decrease in transmission above 700nm providing effective NIR blocking above 800nm.



Product format

- Rolls or CNC precision cut parts to your drawing
- Custom optical laminations in glass and polycarbonate.
- As an element to a multi function laminate such EMI shielding or anti-vandal screen.

Other Products

- EMI-15 ITO coated polyester. This has a lower level of Infrared reflection than the NIR film but is an easy to fit solution with EMI/RFI shielding.
- Infra-red transmittance filters that absorb the entire visible spectrum.

For further information please refer to our separate data sheets for these products.