Solution Series
By Madico

Amber 81

Achieve outstanding UV light blockage with Amber 81 film

Amber 81 is a specialty window film designed for use in environments that require the blocking of ultraviolet light into the low visible light region. It is commonly used in the medical field*, technology-based clean rooms, and for photography purposes.

Ultraviolet light starts to transition to visible light around 380nm and a well designed clear or lightly tinted window film will block over 99% of UV energy up until that 375nm. However, there are a number of medical and clean room applications that require additional blocking from 380nm to 400nm, where UV and visible light are both present. Amber 81 provides excellent blocking throughout the 400nm range, with transmission below 10% all the way up to around 500nm. In situations where this type of extreme UV light blocking is required, the film is applied to all sources of light within the room such as windows, fluorescent lighting and even lasers. The amber color of the film is what gives it this extra blocking capability.

The graph below shows the transmission of Madico's Amber 81, UV Gard, and a standard clear film through the UV and visible light regions.

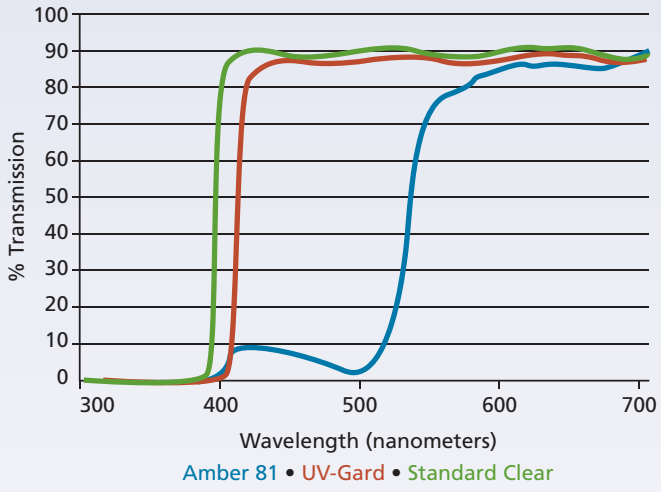
All Madico films are installed by professional dealers and carry a comprehensive manufacturer's warranty.

**Before using any product to address health issues, a medical professional should be contacted to ensure that the product will in fact block the radiation necessary.*

Common Applications

- Medical Operating Rooms
- Research Laboratories
- Technology-based Clean Rooms
- Pharmaceutical Packaging
- Photo Film Processing

Transmission of Amber 81 When Compared to Madico UV-Gard and Madico Standard Clear Film



Wherever there is glass....We can improve it.

MADICO® Window Films