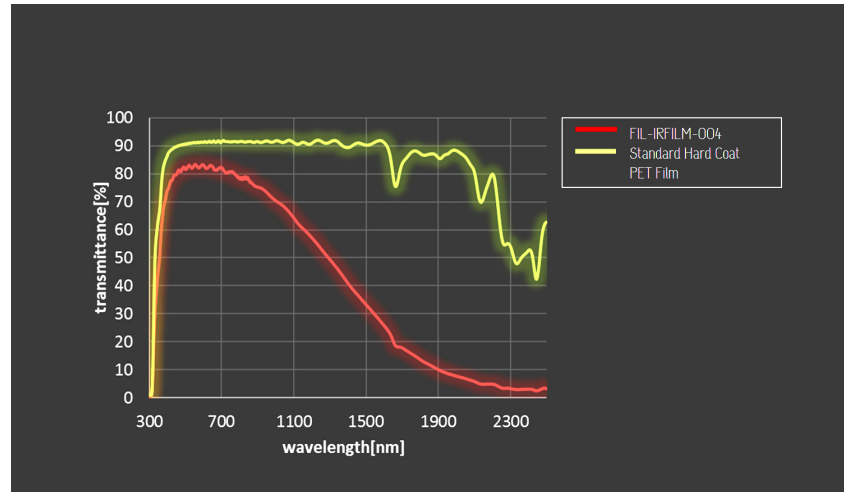


IR CUT FILM

Zytronic's IR-cut film is a durable, optically clear, hard coated polyester film which can be laminated to the rear surface of several of our touch sensors types within our cleanrooms, and offered as an option.



FEATURES

The IR-cut film reduces the transmission of Infra-Red (IR) energy through the touch sensor and provides system designers with a useful tool to help thermal management and cooling within a kiosk, ATM or other self-service terminal, thereby aiding in the protection of internal components sensitive to high temperatures, such as the LCD.

The film is warranted by Zytronic as standard and will be of particular interest to manufacturers of touchscreen systems designed for use outdoors, located in direct sunlight, or in applications where there is a high ambient external temperature.

To see how this useful customisation can help your design, please contact your local Zytronic representative or sales person to discuss samples and a quotation.

Spectral Transmittance Graph (FIL-IRFILM-004 vs Standard Hard Coat PET Film)

FIL - IRFILM - 004

Total film thickness	190µm ± 10.0% (~188µm PET base film with ~2µm of IR coating)
Total Light Transmittance	> 75.0%
Haze	< 1.5%
Gloss	> 145.0%
Spectral Transmittance	< 80.0% (1000nm) < 55.0% (1500nm) < 25.0% (2000nm)
Scratch Resistance	Hard Coat H
Usage	Can be laminated to the rear surface of the following Zytronic products to cut IR and reduce solar heating: ZYBRID®, ZYTOUCH®, Glass Laminates