



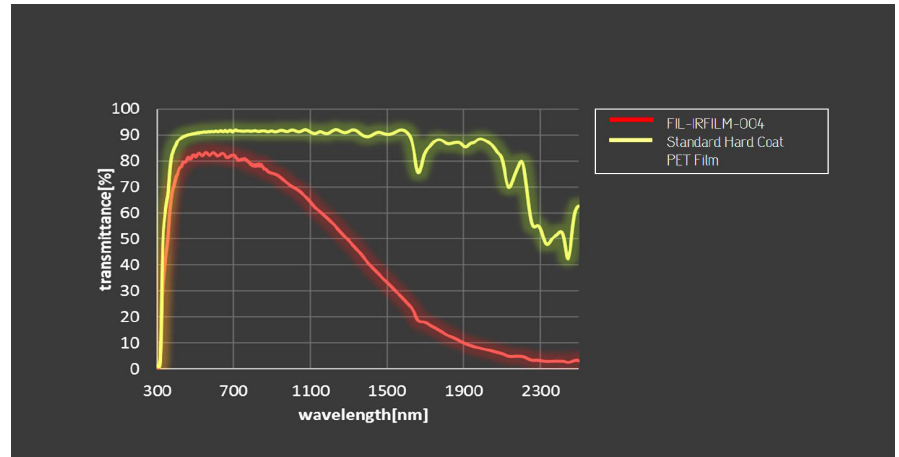
ZYTRONIC DATA SHEET

IR-REDUCTION FILM



OPERATION

Zytronic's IR-Reduction film is a durable, optically clear, hard coated polyester filter. It can be specified as an option on our award winning and patented PCT™ and MPCT™ glass touch sensors.



FEATURES

The IR-REDUCTION 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..

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

IR-REDUCTION FILM

USAGE

Can be laminated to the rear surface of the following Zytronic products to cut IR and reduce solar heating: ZyBrid®, ZyTouch®, Glass Laminates

QUALITY

See cosmetic specification www.zytronic.co.uk/quality-assurance/product-specification/

APPROVALS

RoHS compliant

CE, FCC & UL approved www.zytronic.co.uk/quality-assurance/



Zytronic Displays Ltd.
Blaydon on Tyne, Tyne & Wear
NE21 5NJ, United Kingdom

Tel. +44 (0) 191 414 5511
Fax +44 (0) 191 414 0545
info@zytronic.co.uk - www.zytronic.co.uk



Camax DS Srl
Via Fratelli Di Dio, 18
20063 Cernusco Sul Naviglio (MI)

Tel. +39 02 9544951
Fax +39 02 9522671
info@camax.it - www.camax.it