

Thermal management for outdoor display applications

3M™ Infrared Reflecting Film is a visibly transmissive solution for outdoor display heat management. This color-neutral film maximizes light transmission, providing thermal management for displays exposed to direct sunlight.



3M IR Film applications:

- ATMs
- Kiosks
- Digital signage
- Outdoor displays
- Agriculture
- Marine
- Automotive

go anywhere. do more.



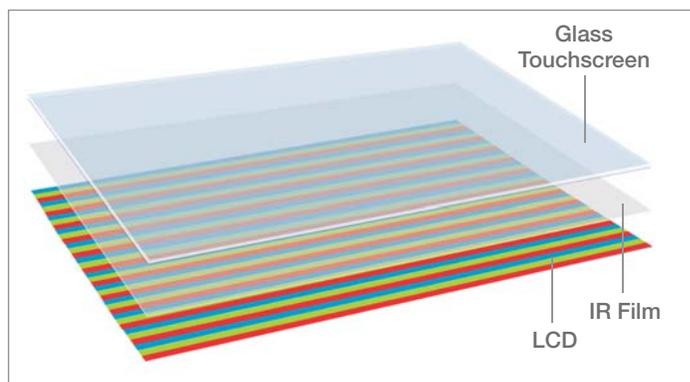
Thermal management. Solar reflecting. Infrared blocking.

3M™ Infrared Reflecting Film is a proprietary, multi-layered optical film that allows no more than 8% transmission of the near IR light. Color neutral, it maximizes light transmission with a natural, clear appearance while keeping solar heat gain at bay. 3M IR Film helps minimize heat build-up, providing an excellent solution for outdoor display management for use in applications such as ATMs, kiosks and digital signage and can serve markets such as agriculture, marine, automotive and more.

- Multi-layer optical non-metallic film reflects greater than 92% of near IR
- High transmission; averages greater than 80%, in the visible wavelength (400 to 700 nm)
- Reflects IR while staying neutral in color – a natural, clear appearance
- Provides thermal management and heat mitigation for outdoor display applications
- Excellent clarity to help maintain good LCD image resolution, contrast and color
- Helps to extend the life of the device by blocking potentially damaging IR wavelengths
- Maintains the integrity of the device by blocking IR

IMPORTANT NOTICE:

The following is made in lieu of all warranties, express or implied, including any implied warranties of merchantability or fitness for a particular purpose. 3M warrants that, at the time of shipment, product will meet 3M's published specification or that specification agreed in writing between 3M and purchaser. Should product not meet specifications at time of shipment, 3M will replace or refund the purchase price of such quantity of the product found not to meet specifications. Purchaser shall determine the suitability of the 3M Product for purchaser's application. **3M shall not be liable under any legal theory, including in contract or in tort, for any injury, loss, or damage, whether direct, indirect, incidental, special or consequential, arising out of the use of or the inability to use the product.** The warranties and remedies set forth herein are purchaser's sole and exclusive warranties and remedies.



Data was taken at 5 nm sampling. The air scan and glass slide (red line) are taken to measure noise level. The green line is the transmission curve for the IR Reflecting Film.

