



Vikuiti™ Anti-Reflection (AR) Film



Description

Vikuiti™ Anti-Reflection (AR) Film from 3M offers glare reduction and protection solutions for a wide variety of applications.

Utilizing patented 3M technology, Vikuiti AR films improve the performance of flat panel displays, CRTs and touch screens by decreasing reflections and increasing contrast. It can also be used to reduce unwanted reflections from windows, and in other non-display applications. Film features include low reflectivity, durability and a built-in easy-to-clean layer.

Vikuiti™ Anti-Reflection (AR) Film

Product description

Product Name	Stock Number	Finish	PSA
Vikuiti™ AR-M200 Film	98-0440-2640-3	Matte	No
Vikuiti™ AR-MP200 Film	98-0440-4227-7	Matte	Yes

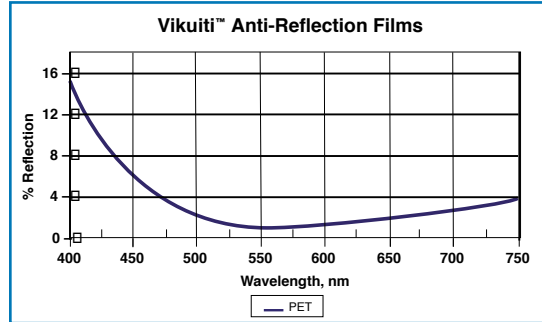
Nominal film properties

Film properties	Vikuiti™ AR-M200 Film and Vikuiti™ AR-MP200 Film
Optics <ul style="list-style-type: none"> • Specular Reflectance • Transmission • Haze • Gloss at 60° 	<1.1% 93% </= 7.0% 90-115 gloss units
Physical Characteristics <ul style="list-style-type: none"> • Adhesion • Hardness • Abrasion • Chemical resistance • Flexibility • Surface energy • Substrate thickness • Format • PSA peel force to glass 	Cross hatch with Scotch® #610 tape - No delamination => 3H pencil hardness on hardcoat side 10 rubs #0000 steel wool at 160 g/cm ² - Light scratching Window cleaner, IPA, motor oil, coffee, permanent marker or water - No effect 2cm mandrel - No crack in tension or compression <30 dynes/cm .005" polyester (PET) 13" x 22" (330mm x 559mm) >1000 g/in

The technical data for the products are typical, based on information accumulated during their life, and are not to be used in the generation of purchase specifications, which define property limits rather than typical performance.

Reflectance spectrum

The graph shows the reflectance spectrum for Vikuiti AR-M200 film and Vikuiti AR-MP200 film.



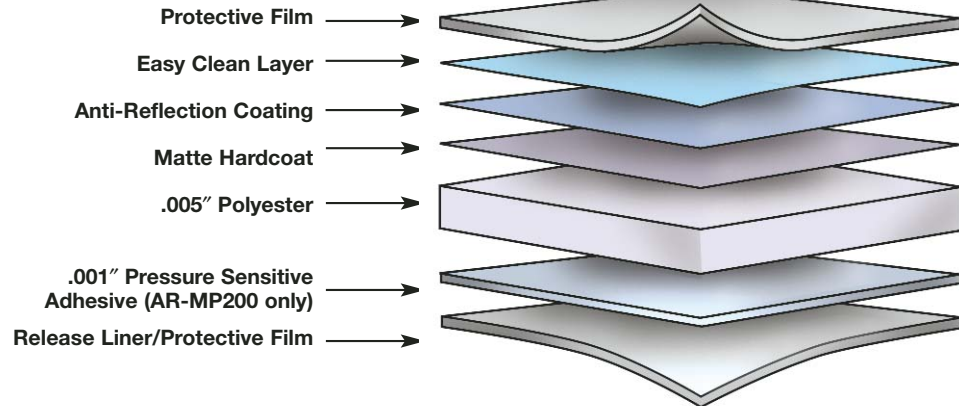
Environmental test results

Environments	Results
Dry heat (80°C 500 hours)	Passed visual
Wet heat (65°C/95%RH)	Passed visual

Test results are based on the Vikuiti AR-MP200 film laminated to glass.

How it works

Vikuiti AR films are specially engineered to reduce reflection and increase transmission of light at air/optical surface interfaces. This increases contrast ratio in displays and increases transmission through windows. In addition to this optical engineering, 3M incorporates a low surface energy component into the Vikuiti AR film, creating an easily cleaned surface.



For ordering information on Vikuiti™ Display Enhancement Films from 3M, please call: **1-800-553-9215**

For more information, visit us at: www.3M.com/Vikuiti

Important Notice to Purchaser

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

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The warranties and remedies set forth herein are purchaser's sole and exclusive warranties and remedies.



Optical Systems Division

3M Center, Building 260-6N-27
St. Paul, MN 55144-1000



Minimum 10% Post-Consumer Fiber

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