

Reflexite[®] Anti-Reflection Film (RAF-2081)

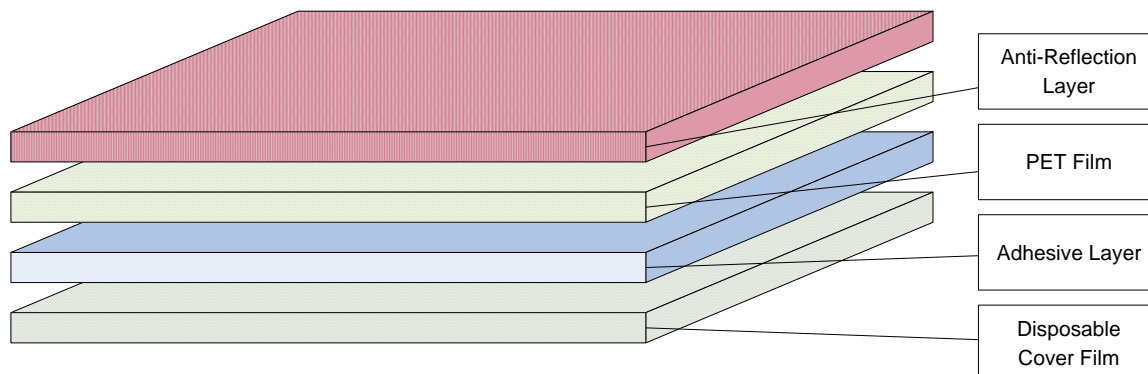
RAF-2081 Anti-Reflection Film



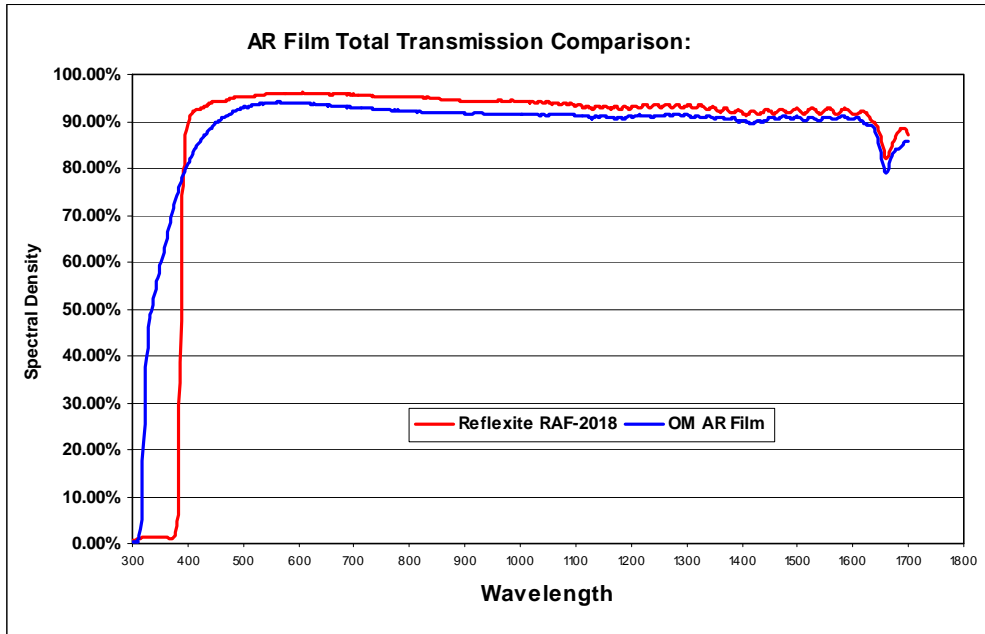
Reflexite Anti-Reflection Film (RAF-2081) is sheet material that reduces reflections and provides maximum transmission while providing protection to your portable device display screen. The Reflexite Anti-Reflection Film (RAF-2081) is used as the cover sheet in the display stack, or the film closest to the viewer and includes an elastomeric adhesive. Reflexite Anti-Reflection Film (RAF-2081) can reduce the reflection of light on the surface of display screen, improve color rendition, increase contrast ratio and make images appear more clearly. RAF-2081 utilizes a PET substrate and thin optical coatings to create a highly efficient specular transmitter with colorless reflection and transmittance.

Using RAF-2081 in combination with Reflexite Collimating Film (RCF) allows the display manufacturers to maintain a level of brightness while reducing energy consumption. This helps reduce the weight of the display as well as increases battery life. Reflexite RAF-2081 provides addition benefits of improved color rendering and contrast due to it's improved spectral transmittance compared to OM products.

Reflexite Display Optics RAF-2081 Anti-Reflection Film Component Layers



Spectral Transmission Comparison: 400-1000nm



*Spectral Transmission measure with Perkin-Elmer Lambda 900 and 150mm integrating sphere.

Physical Properties Data

Measure	Unit (SI / ASA)
Thickness	130µm / 5.1mil
Pencil Hardness	2H
Solvent Resistance	Alcohol, Ammonia
Specular / Total Reflectance	2.4% / 1.7%
Specular Transmittance	93.7%
Total Transmittance	95.1%
60° Gloss	140 gloss units
5° Reflectance	0.55%

For ordering information or additional technical information please email display.optics@reflexite.com, visit our web site www.display-optics.com or call our sales department at 585-647-1140, ext. 1106.

The seller makes no warranties, expressed or implied, including warranties of fitness of the films for any particular purpose. The seller shall not be liable for loss or damage arising directly from the use of these films. The seller will refund or replace any materials found to be defective.

Reflexite Corporation's business is the *Management of Light*®. We combine optical engineering, microreplication and polymer processing technologies to provide differentiated products to customers worldwide. At Reflexite Display Optics, a division of the Reflexite Corporation, we develop market and sell microstructured optical films for the Display Industry.