



## Vikuiti™ Enhanced Specular Reflector (ESR)

A reflector for a brighter, more efficient display

### Features:

- 98% reflectance across the visible spectrum
- Non-metallic, 100% polymer film
- Thin polymer film
- Specular surface reflector
- Vikuiti™ ESR Film can be used with all Vikuiti™ Brightness Enhancement Films and Vikuiti™ Dual Brightness Enhancement Films



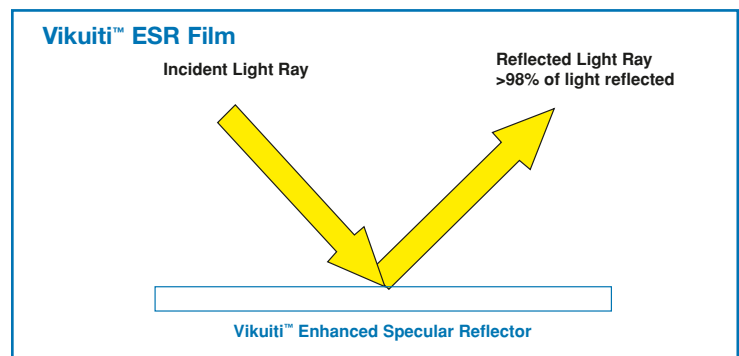
### How it works

Vikuiti ESR film utilizes multi-layer optical film technology to create a highly efficient, specular, reflector. Vikuiti ESR film can be used alone or combined with other Vikuiti™ Display Enhancement Films for even greater performance improvement.

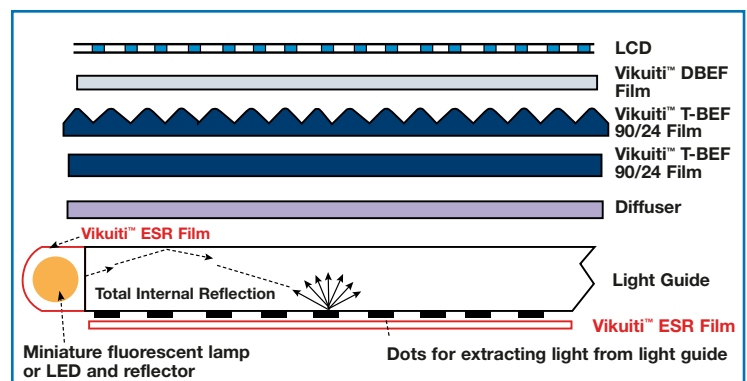
### Nominal film properties

Film properties	Vikuiti™ ESR Film
Reflectance	>98%
Physical Characteristics	
• Thickness (microns)	65µm (2.6 mils)
• Shrinkage (15 minutes @ 150°C)	<1%
• Specific Gravity	1.29

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.



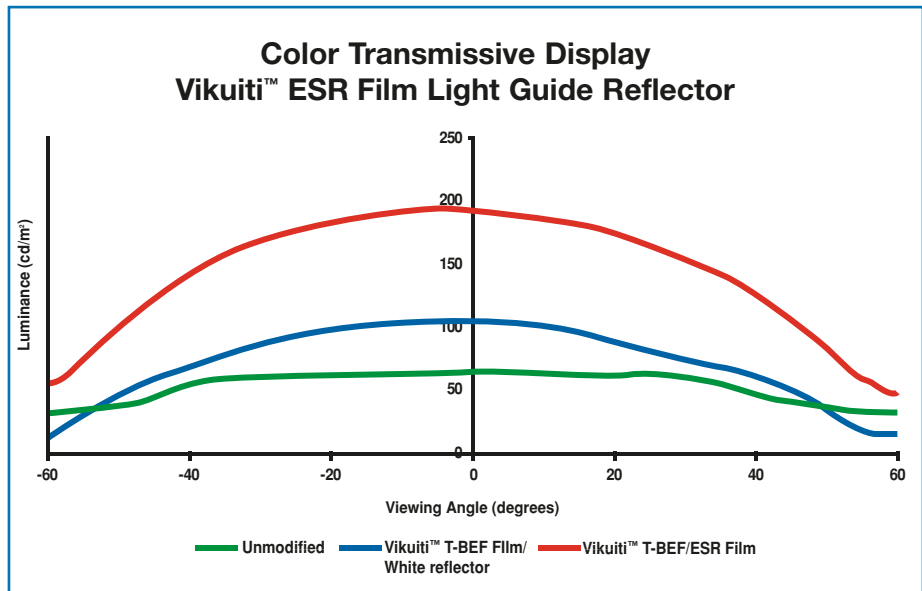
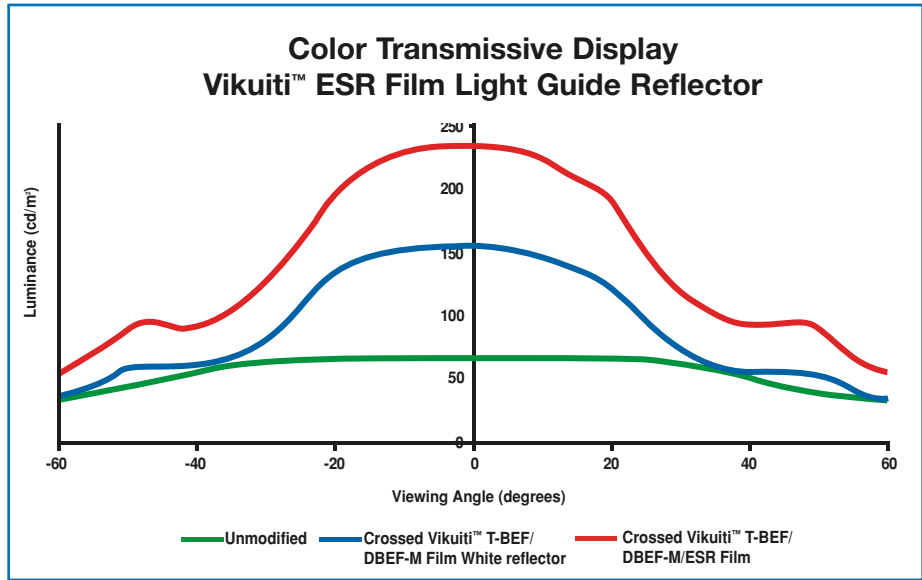
### Vikuiti™ ESR Film in a typical LCD



### Product Size Offering

- Custom Sizes – Converted to Customer Size
- Product Kits – 30 Sheets 11" x 11"

# Vikuiti™ Enhanced Specular Reflector (ESR)



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**

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**Electronic Display Lighting  
Optical Systems Division**

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Minimum 10% Post-Consumer Fiber

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