

3M Display Materials & Systems Division

Technical Data 2022

3M[™] Bright Screen Privacy Filter

Description

3M[™] Bright Screen Privacy Filters use nanolouver technology that powers a premium visual experience, perfectly balancing privacy, best-in-class brightness and exceptional clarity.

Applications

3M Bright Screen Privacy Filters deliver world-class effective "black out" privacy from side views outside the 60-degree viewing angle. Whether in the office or at home, it effortlessly helps keep what's on your screen private.

A reversible solution, 3M[™] Privacy Filters provide a gloss option or a matte option that add an extra layer of protection from everyday scratches and dust.

Effectiveness

Offers world class privacy without significantly darkening your screen, while still enjoying the same 60-degree privacy cut off angle. On average, 25% more brightness than the other black privacy filters on the market.

Product Features

- On average 25% more brightness than standard 3M[™] Black Privacy Filters*
- Reversible between a glossy side and a glare reducing matte
- Adds an extra layer of protection from everyday scratches and dust





- Nanolouver technology that powers a premium visual experience, perfectly balancing privacy and best-inclass brightness
- Ultra-thin and responsive to touch, one of our thinnest privacy filters

Typical Properties

Technical information provided consists of typical product data and should not be used for specification purposes. Unless otherwise noted, all tests are performed at room temperature.

Property	Typical Value
Viewing Angle	60 degrees
Transmission	85%
Thickness	0.290 mm

Environmental Testing	Condition
Heat Resistance	65°C for 240 hours
Cold Resistance	-30°C for 240 hours
Humidity Resistance	40°C, 95% RH for 240 hours
Thermal Shock	-20°C for 1 hr to 60°C for 1 hr, 5 cycles

Metric After Environmental	Typical Value
Appearance	No significant change between previous and post environmental testing

Shelf Life and Storage (prior to application)

Material should be stored in its original packaging, laying in a horizontal orientation, away from direct sunlight. Heavy objects should not be placed on top of it to avoid damaging the product. Ambient temperature and humidity should be controlled to $10-30^{\circ}$ C at 35-65% relative humidity.

🔊 Cleanability

Durable privacy filter that can withstand hundreds of cleanings.

Availability

For availability, please contact our customer service group at 1-800-553-9215, DMSDcustomerservice@mmm.com, or visit our web site at 3mscreens.com.

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