



Korry

Illuminating. Always.



Nightshield®

NVIS Touchscreen filters for digital devices

Drawing on its pioneering experience in NVIS-compliant light filtering, Korry has engineered Nightshield NSX plastic sheet filters for touchscreens in commercial aviation, medicine, search and rescue, law enforcement, and defense.

Our filters can be applied to any touchscreen device, preventing interference with a pilot's or ground-equipment operator's night-vision goggles.

Nightshield NSX filters are available in bulk sheets or fabricated to precise dimensional specifications to fit virtually any illuminated tablet, smartphone, or other handheld device, even defibrillators.

Our NSX material is further enhanced by an anti-glare matte finish and a surface that is smooth to the touch, perfect for touchscreen ergonomics.



Nightshield touchscreen filters: typical applications

The tables below illustrate typical filter types for Apple iPad, iPad Mini, and iPhone devices. Other filter types and configurations are available for any portable or mounted touchscreen device.

VAR-001 22-percent photopic transmission		
Nightshield filter part number	Filter type	Device
49303-001	Anti-glare	iPad2
49303-002	Anti-glare: reusable adhesive	iPad2
49303-003	Anti-glare: permanent adhesive	iPad2
51194-001	Anti-glare	iPad; 9.7" display
51194-002	Anti-glare: reusable adhesive	iPad; 9.7" display
54939-001	Anti-glare	iPad Air; 10.5" display
54939-002	Anti-glare: reusable adhesive	iPad Air; 10.5" display
54942-001	Anti-glare	iPad Pro; 11.0" display
54942-002	Anti-glare: reusable adhesive	iPad Pro; 11.0" display
54944-001	Anti-glare	iPad Pro; 12.9" display
54944-002	Anti-glare: reusable adhesive	iPad Pro; 12.9" display
49303-201	Anti-glare	iPad Mini
49303-202	Anti-glare: reusable adhesive	iPad Mini
49303-133	Uncut sheet material	All devices

VAR-004 28-percent photopic transmission		
Nightshield filter part number	Filter type	Device
47537-001	Anti-glare	iPad2
47537-002	Anti-glare: reusable adhesive	iPad2
47537-003	Anti-glare: permanent adhesive	iPad2
51196-001	Anti-glare	iPad; 9.7" display
51196-002	Anti-glare: reusable adhesive	iPad; 9.7" display
54941-001	Anti-glare	iPad Air; 10.5" display
54941-002	Anti-glare: reusable adhesive	iPad Air; 10.5" display
54843-001	Anti-glare	iPad Pro; 11.0" display
54843-002	Anti-glare: reusable adhesive	iPad Pro; 11.0" display
54946-001	Anti-glare	iPad Pro; 12.9" display
54946-002	Anti-glare: reusable adhesive	iPad Pro; 12.9" display
50007-001	Anti-glare	iPad Mini
50007-002	Anti-glare: reusable adhesive	iPad Mini
47537-133	Uncut sheet material	All devices

VAR-004 28-percent photopic transmission		
Nightshield filter part number	Filter type	Device
47989-001	Anti-glare	iPad2
47989-002	Anti-glare: reusable adhesive	iPad2
47989-003	Anti-glare: permanent adhesive	iPad2
51195-001	Anti-glare	iPad; 9.7" display
51195-002	Anti-glare: reusable adhesive	iPad; 9.7" display
54940-001	Anti-glare	iPad Air; 10.5" display
54940-002	Anti-glare: reusable adhesive	iPad Air; 10.5" display
54943-001	Anti-glare	iPad Pro; 11.0" display
54943-002	Anti-glare: reusable adhesive	iPad Pro; 11.0" display
54945-001	Anti-glare	iPad Pro; 12.9" display
54945-002	Anti-glare: reusable adhesive	iPad Pro; 12.9" display
50051-001	Anti-glare	iPad Mini
50051-002	Anti-glare: reusable adhesive	iPad Mini
47989-133	Uncut sheet material	All devices

Key Advantages:

- Ideal for any hand-held, fixed-mount, or carry-on equipment with a backlit touchscreen interface
- Available in a variety of colors, thicknesses, sizes, and other options
- Available in flexible sheets that can be cut with scissors for quick retrofit of air or land applications
- Engineered for temperature extremes from -55°C to +85°C
- Suitable for the toughest environments and qualified to many MIL-STD specs

Disclaimer

Users of Nightshield products should run their own tests to determine the suitability of each such product for their particular purposes. Data provided here falls within the normal range of product properties but should not be used to establish specification limits or used alone as the basis of design. Esterline may change the properties of these filters without notification to our customers. Customers are encouraged to submit specifications for custom requirements.

