



Protection, Light Control and Display Enhancement

3M™ DISPLAY PROTECTION FILMS

Extend the life of your displays with 3M's durable, precision designed protection films that protect and enhance displays while maintaining their own look longer.

3M™ Glossy Protection Film (GLS100)

- Helps prevent damage, scratches and scuffs
- Instant upgrade in mechanical robustness
- High clarity, glossy finish
- Scotchgard™ easy-to-clean surface
- Chemical and disinfectant resistant

3M™ Glossy Low Reflection Protection Film (GLR320)

- Helps prevent damage, scratches and scuffs
- Reduces annoying reflections
- Enhances display clarity while maintaining glossy finish
- Scotchgard™ easy-to-clean surface
- Chemical and disinfectant resistant

3M™ Anti-Reflection Matte Protection Film (ARMR220)

- Helps prevent damage, scratches and scuffs
- Color-neutral anti-reflection technology
- Anti-glare matte to reduce mirror-like reflections
- Scotchgard™ easy-to-clean surface
- Chemical and disinfectant resistant

3M™ Anti-Glare Protection Film (AGF6200)

- Helps prevent damage, scratches and scuffs
- Anti-glare matte to reduce mirror-like reflections
- Masks fingerprints
- Minimal impact on display image
- Chemical and disinfectant resistant

3M™ Glossy Fingerprint Fading (GLS1230)

- Patented technology
- Fades normal fingerprints over time
- Durable, long last protection
- Glossy surface for crystal clear image
- Less frequent screen cleaning

LIGHT CONTROL FILMS

Manage the distribution of light with 3M's microlouver films that create privacy, manage reflections or improve display contrast.

3M™ Advanced Light Control Film Polycarbonate (ALCF-P)

- Create visual security on the outside of LCDs
- ± 30 degree viewing angle perpendicular to the louvers
- Available with or without matte hardcoat
- Compatible with most touch systems

3M™ Advanced Light Control Film A2 and A2+ (ALCF-A2/ALCF-A2+)

- Prevent nighttime reflections from glass surfaces of automobiles
- Low birefringent polycarbonate film
- ± 30 degree viewing angle perpendicular to the louvers
- ALCF-A2+ features a reflective polarizer (DBEF)

3M™ Light Control Film (LCF)

- Create visual security or contrast improvement on the outside of LCDs
- ± 24 degree viewing angle perpendicular to the louvers
- Polyester-based film

BRIGHTNESS ENHANCEMENT FILMS

Recycling, light management films increase the brightness of LCD backlights. Use them to increase brightness in the display, or translate them into power savings or thermal management.

3M™ Brightness Enhancement Film (BEF)

- Prismatic film that manages the angular output of light to increase brightness
- Refraction technology compresses backlight output to on-axis viewer
- Can cross two sheets at 90 degrees
- Variety of configurations for specific needs

3M™ Dual Brightness Enhancement Film (DBEF)

- Multilayer, reflective polarizer
- Increases brightness and amount of available light over entire LCD
- Polarizes a backlight's output to allow more light to pass through the LCD
- Light normally absorbed and lost by the backlight is "re-polarized"
- Variety of configurations for specific needs

3M™ Enhanced Specular Reflection (ESR)

- Thin, 100% polymer reflector film
- Backlight reflector for LCDs
- Provides more than 98% reflectance across the entire spectrum
- Maximizes the recycling efficiency of LCD backlights

3M™ Uniformity Tape (UT)

- Microreplicated lens film with adhesive on one side
- Efficiently spreads light from an LED light source within a linear plane
- Allows for the use of fewer LEDs
- Maintains uniformity
- Used on the edge of an LCD light guide



MOBILE ENTERPRISE

- FIELD SERVICES
- INVENTORY
- WAREHOUSE
- DELIVERY

GOVERNMENT

- PUBLIC SAFETY
- MILITARY
- LAW ENFORCEMENT
- RUGGED LCDs
- AVIATION

FINANCIAL

- MOBILE BANKING
- ATMs

HEALTHCARE

- MEDICAL RECORDS
- ALL-IN-ONE MONITORS
- TABLETS
- PATIENT CHECK-IN
- NURSING STATIONS
- EHRs

ENTERTAINMENT

- IN-FLIGHT
- GAMING STATIONS
- SLOT MACHINES

TRANSPORTATION

- OFF-ROAD/HEAVY EQUIPMENT VEHICLES
- LOCOMOTIVES
- INFORMATION DISPLAYS

RETAIL

- HOSPITALITY
- RETAIL POS
- INFORMATION KIOSKS
- DIGITAL SIGNAGE

AUTOMOTIVE

- CENTER CONSOLE
- INSTRUMENT CLUSTER
- REAR-VIEW MIRRORS
- ENTERTAINMENT DISPLAYS

