



# PrivacyTouch Resistive Touch Screen

UNIQUE

SECURE

CONFIDENTIAL



## Product Highlights

- Fully integrated privacy film combined with a durable Polyester Laminated construction
- Privacy film fits any size MicroTouch™ PL Resistive touch screen
- Ideal for open, high-traffic environments, where on-screen data needs to be protected.

## PrivacyTouch

MicroTouch™ PrivacyTouch polyester laminated (PL) resistive touch screens deliver increased confidentiality while offering the field-proven, durability of a PL constructed touch screen.

The combination of 3M's integrated privacy film and MicroTouch™ resistive touch screen provides solutions for applications requiring touch activation from bare and gloved-hands, as well as those demanding additional privacy. The integrated privacy film provides a timely and unique solution for many environments including financial and healthcare office applications, where privacy of information is mandatory.

## Designed to be Different

PrivacyTouch is a combination of a high quality MicroTouch™ PL Resistive touch screen and proprietary 3M Vikuiti™ Light Control Film. The combination of these two premium products delivers a unique resistive option that helps protect confidential and personal on-screen data from the eyes of casual observers.

Patented 3M "microlouver technology" within the film structure reduces the horizontal viewing area of the display to 60 degrees. Viewers directly in front of the display have an unobstructed view of displayed information, while viewers from either side see only a darkened screen.

# MicroTouch™ PrivacyTouch Resistive Touch Screen

## Optical

Light Transmission 52% ± 2%

## Privacy Film

Horizontal Viewing Angle 60° ± 4°

Louver Angle 0° ± 2°

Sizes 12.1", 15.0", 17.0", 19.0" standard 8-wire PL sizes available. (Other resistive products/sizes are available on a custom basis)

## Functional

Thickness (Typical Values) 0.018", plus thickness of touch screen

Surface Scratch Hardness ≥4H per ASTM D3363-92

Surface Finish HCG01, HCG10, HCG12 Hard Coat

Chemical Resistance The touch screen surface finish is unaffected by exposure to the following chemicals for a period of one hour at 22 degrees C, 45% relative humidity. ASTM-F-1598-95.

Tea, Coffee, Ketchup, Mustard, Vinegar, Beer, Coca-Cola, Red Wine, Cooking Oil, Wisk Laundry Detergent, Fantastik All Purpose Cleaner, Joy Dishwashing Liquid, Windex, Formula 409 Cleaner, Clorox Bleach (5.25%), Hydrogen Peroxide (3%), Lysol, Ethyl Alcohol, Isopropyl Alcohol, Acetone, Methyl Ethyl Ketone (MEK), Toluene, Concentrated Hydrochloric Acid, Naptha, Mineral Spirits, Gasoline, 10W30 Motor Oil, Diesel Fuel, Transmission Fluid, Brake Fluid, Antifreeze, Hydraulic Oil

Operating Temperature -20 degree C to 50 degree C, 20-50% relative humidity, non-condensing

Storage Temperature -20 degree C to 70 degree C, 20-50% relative humidity, non-condensing

Humidity Resistance Maximum 90% relative humidity up to 60 degree C, 48 hrs. non-condensing

Warranty One Year

\* PL analog resistive touch screen construction is defined as a non-buffer layer, film on film construction with nominal 350 ohm/sq or higher ITO on polyester resistance, a glass backing panel and an Anti-Newton Ring, no vent design.



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