

ClearTek Surface Finishes

FOR CLEARTEK 3000 CAPACITIVE TOUCHSCREENS

What is a *surface finish*?

The surface of a touchscreen is treated to produce the optimal amount of anti-glare properties for particular applications. The environment a touchscreen will be used in helps determine the level of anti-glare treatment needed, if any. Similar to photographs, touchscreens can be configured with a matte or glossy finish. MicroTouch offers the widest range of surface finishes in the touchscreen industry to meet any customer need.

ClearTek 3000

ClearTek 3000 is a proprietary coating applied to MicroTouch capacitive touchscreens. This ultra-smooth overcoat drastically increases physical durability by resisting scratches and abrasions to the touchscreen surface — providing 210 times improved scratch-resistance. ClearTek 3000 sets new standards for environmental robustness by causing liquids to more readily bead up and slide off the touchscreen.

ClearTek Surface Finishes

The guide below explains each surface finish available for ClearTek 3000 capacitive touchscreens to help select the appropriate product for an application. The surface finish is an integral aspect of product design.

Industrial (C) Etch

PURPOSE	Maximum anti-glare properties.
PROPERTIES	Excellent anti-glare, good resolution, some sparkle, low haze
APPLICATIONS	High brightness environments under fluorescent lights such as industrial or point-of-sale applications. Highly recommended for flat sensors.

True (NL) Etch *(for curved touchscreens only)*

PURPOSE	Great clarity, good light transmission. Provides a balance of clarity and anti-glare properties.
PROPERTIES	Good anti-glare, excellent resolution, low sparkle, low haze
APPLICATIONS	Ideal for most customer environments using curved sensors.

True AR (MA/AR) Etch *(for flat touchscreens only)*

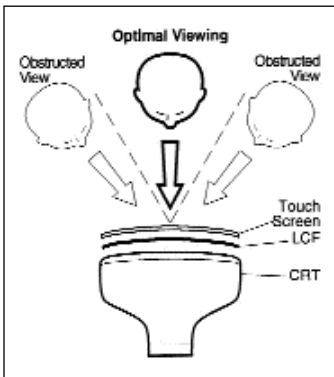
PURPOSE	Great light transmission. Provides a balance of clarity and anti-reflective qualities.
PROPERTIES	Highest light transmission, lowest reflection, excellent resolution, low sparkle, low haze.
APPLICATIONS	Ideal for most customer environments using flat sensors.

Polished Finish

PURPOSE	Maximum clarity and resolution.
PROPERTIES	No anti-glare, excellent resolution, no sparkle or haze.
APPLICATIONS	Applications where clarity is a critical selection criteria.

ClearTek Surface Finishes

Finish	Industrial	True (NL)	True AR (MA/AR)	Polished
Optical Resolution	Good	Excellent	Excellent	Excellent
Anti-Glare	Excellent	Good	Very good	None
Sparkle	Fair	Very good	Very good	None
Haze	Very good	Very good	Very good	Excellent
Clarity	Good	Excellent	Excellent	Excellent
Transmission	Very good	Good	Excellent	Good



Privacy Shields ensure only the user directly in front of the screen sees displayed information.

Other Options

Privacy Shields

PURPOSE	To protect confidential on-screen information.
PROPERTIES	High privacy, good resolution.
APPLICATIONS	Applications containing private information such as ATMs, immigration terminals, medical, and government applications.

The MicroTouch Difference

When you partner with MicroTouch for your touchscreen needs, you benefit from the industry's best combination of service, warranties, and support.



Five-Year Warranty

MicroTouch products come with a five-year warranty on all touchscreen components.

Around-the-World Service and Support

When you need product information quickly or new software drivers, you can reach us through our Technical Assistance telephone support line, Web site, or e-mail. We're never out of touch.

A Commitment to Quality

MicroTouch's headquarters manufacturing facility is ISO 9001-certified. Our numerous quality groups, inspections, and executive involvement are just some of the MicroTouch quality initiatives that ensure the product you receive is the most reliable in the industry.

CORPORATE PROFILE

Global company committed to the innovation and application of touchscreen technology

Founded in 1982

Public company (NASDAQ: MTSI)

1998 sales of \$144.4 million

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The Global Standard in Touch

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