

BERGQUIST 5-WIRE RESISTIVE TOUCH SCREENS OFFER SUPERIOR CLARITY AND MAXIMUM DURABILITY



The World's Most Rugged, Resistive Touch Screen Engineered To Handle The Punishment.

Unchallenged durability.

Unlike 4-wire and 8-wire technologies that use two opposing layers to create X- and Y- axis measurements, Bergquist 5-Wire screens use the stable glass substrate for both measurements, with the sense line or 5th wire connected to the top film substrate. Because the top film is working as a pick up layer only, it can tolerate resistance changes without impacting the reliability of the touch points' accuracy from the base layer. This allows the 5-Wire to better withstand temperature, humidity and mechanical stresses.

More options for design flexibility.

You can configure Bergquist 5-Wire touch screens to meet a variety of specific application needs.

Options include:

- Sizes from 3.9" to 23"
- Slim perimeters
- Variety of top films
- Custom flex cables
- Off aspect ratio sizes
- Multiple glass options
- A wide selection of connectors

Bergquist offers a wide range of films to best match your application.



For additional info call 1.800.347.4572 or visit www.bergquistcompany.com/options

Bergquist 5-Wire Technology Offers A Unique Difference.

Greater clarity for better readability.

In a typical resistive touch screen, the dielectric separator dots used to isolate the conductive layers intensify veiling glare, the scattering of light transmitted through the touch screen.

Veiling glare significantly reduces contrast and resolution, creating a visible haze that reduces clarity. By contrast, Bergquist's 5-Wire resistive touch screens feature a patented configuration of dielectric separator dots that significantly reduces veiling glare.

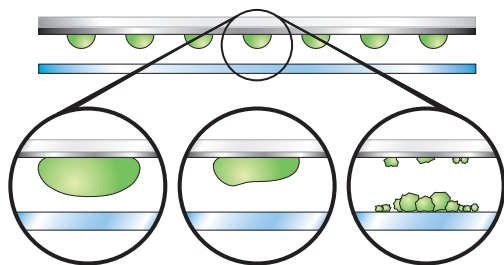


Color indexed to the 5-Wire's conductive coating, these dots allow light to pass through the substrates with minimal veiling glare. The result is an enhanced level of clarity and contrast.

Durable dots provide long-lasting reliability.

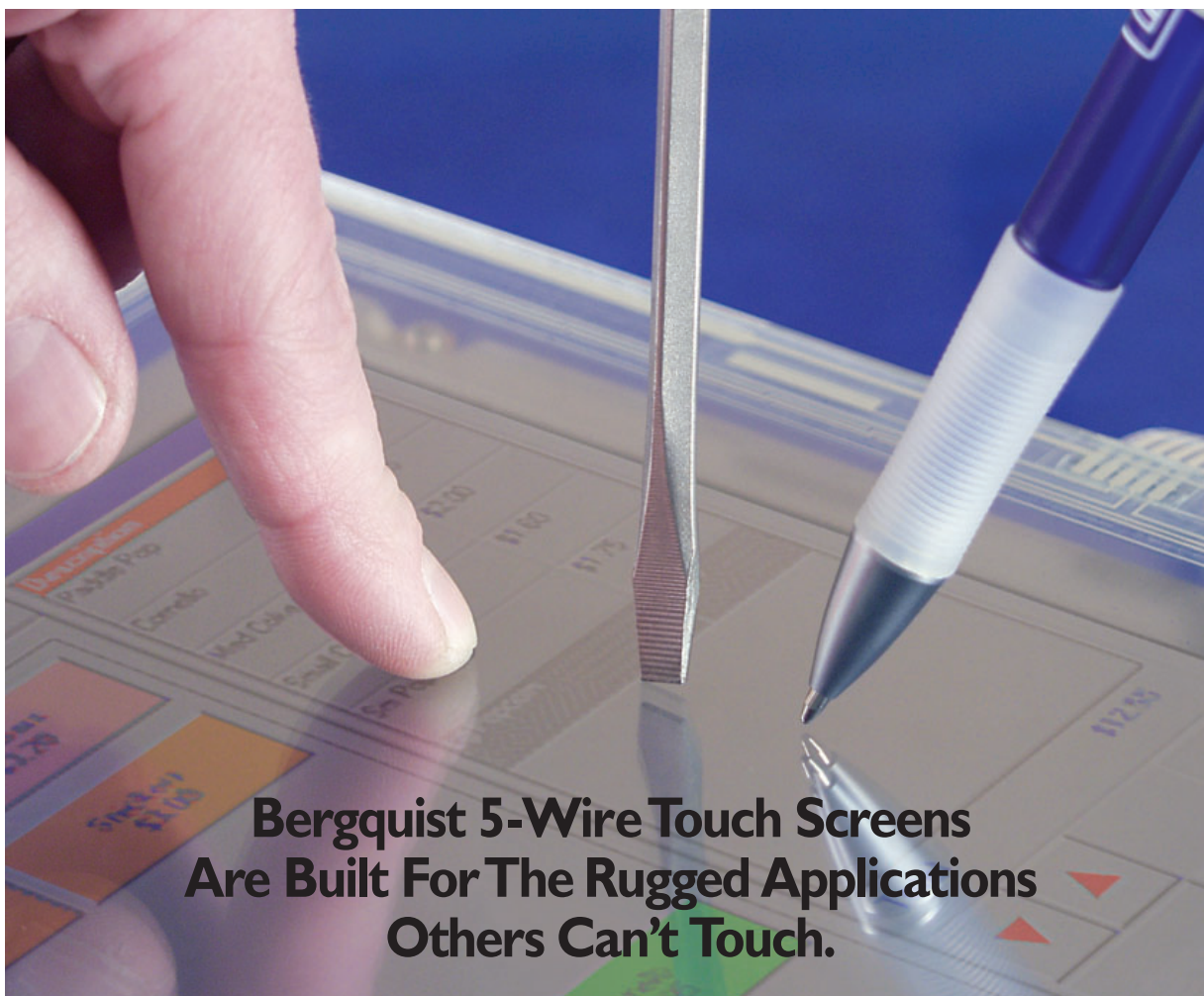
Another key factor in the durability of Bergquist 5-Wire touch screens is the nature of the dielectric separator dots. Bergquist separator dots are applied to the surface of the glass, providing consistent, reliable performance. In contrast, competitors' separator dots can be misshapen, deform during use, or fail completely under application

Standard Dielectric Separator Dots



pressure (see above). Structural failure of the separator dots will significantly increase resistance thereby degrading electrical contact.

For additional information call 1.800.347.4572 or visit www.bergquistcompany.com/clarity



Bergquist 5-Wire Touch Screens Are Built For The Rugged Applications Others Can't Touch.

Our Touch Technology Is Specially Engineered To Offer Superior Optics And Performance In Heavy-Usage Environments.

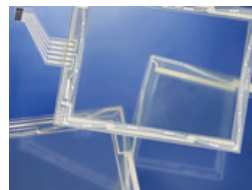


The 5-Wire touch screen that survives where others can't.

Engineered to withstand the rigors of high usage in a variety of harsh-environment applications, our high performance 5-Wire touch screen is rated at over 35 million activations.

Works where you work – robust design to meet a variety of applications.

Our 5-Wire withstands temperature, humidity and mechanical stresses and resists most chemical and environmental contamination such as dust, dirt and water droplets.



Bergquist 5-Wire touch screens are available in sizes ranging from 3.9" to 23" diagonal.

Patented technology delivers superior optics.

Bergquist advances touch screen technology with its patented optical design. A unique configuration of separator dots allows more light to pass through the glass resulting in enhanced clarity and contrast for a sharper image and improved readability of text and graphics. Options include slim-perimeter designs, custom flex cables, and a choice of conductive top films.

See the 5-Wire clarity advantage for yourself.

Visit our web site or call today to qualify for your FREE Optical Selection Kit.



FREE Optical Selection Kit

Call 1.800.347.4572 or visit www.bergquistcompany.com/rugged



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