

Extreme Surface Hardness For Resistive Touch Screens.



Benefits

- Glass surface (7H surface hardness) eliminates top film wear and damage
- Low activation force, less than 50g
- Excellent edge and corner activation
- Can be activated with finger, stylus or gloved hand
- Impervious to most chemicals and solvents

The Bergquist Company's exclusive glass/film/glass construction provides the most durable 5-Wire Resistive Touch Screen on the market today. Bergquist's 5-Wire Resistive touch technology combined with their proprietary optical bonding process provides the industry with an exceptional glass/film/glass touch screen. The glass/film/glass 5-Wire Resistive Touch Screen features an 7H surface hardness and an operating temperature range from -30°C to 85°C at 85% RH. The film-backed micro-glass prevents top layer glass shatter in the event of breakage.

When you combine Bergquist's robust 5-Wire Touch Screen construction with the glass/film top layer you achieve a solution designed for even the most rugged and demanding of applications.

Bergquist Glass / Film / Glass Specifications	
Linearity	</=1.5%
Insulation Resistance	>/=20ΩM / 25V(DC)
Life Cycle	35 million touches
Operating Temperature	-30°C to +85°C
Storage Temperature	-40°C to +90°C
Constant Temperature / Humidity	+85°C / 85% RH, 1000 hrs
High Temperature	+85°C / 1000 hrs
Low Temperature	-40°C / 1000 hrs
Thermal Cycle	-40°C ~ +90°C (60 min/cycle) *100 cycles
Connection Tail	FFC
Surface Hardness	7H
Activation Force	</=50g
Structure	Glass / Film / Glass
Transparency	>82%
Haze	</+5%

Applications

- Point of sale
- Rugged applications
- Military
- Medical
- Unmonitored kiosks

Glass/Film/Glass Stack Up

