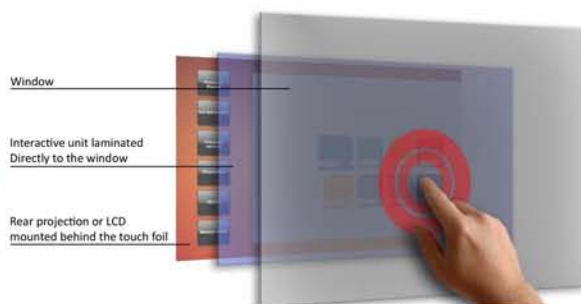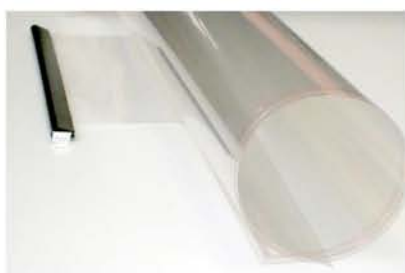# Durchglas-Folie

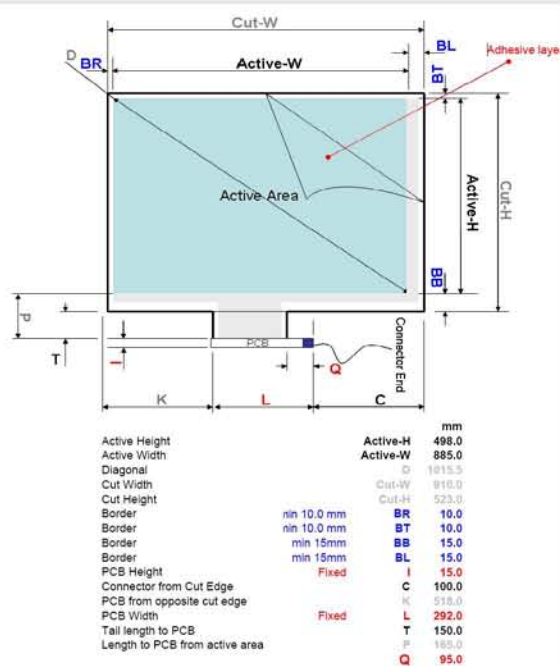## Einsatz im Schaufenster, für Terminals und Spezialanwendungen

Die Folie wird hinter der Glasscheibe angebracht und kann mit einem Display oder einer Beamerrückprojektion verwendet werden. Zur Befestigung gibt es zwei Varianten: Nicht-permanent mit einer Haftfolie oder zur vollflächigen, permanenten Verklebung.

Window

Interactive unit laminated Directly to the window

Rear projection or LCD mounted behind the touch foil

Technische Details

Detection Method:	Projected Capacitance technology using horizontal vertical wires
Screen Sizes:	40"- 80" 4:3 40"-100"16:9 as standard, other sizes available on request
Fixing options	Removable and permanent options available
Position accuracy:	Approximately 3 mm absolute, 1 mm relative. No drift
Alignment:	Software drivers provide a calibration facility
Sensitivity:	Can be programmed for different thickness of glass and even use with gloved hands. Standard configuration functions with non-metallised. single construction glass 16mm thick. Double glazing option up to 25mm available*
Speed of response:	Depends upon material thickness. Typically 50 to 100ms
Output:	RS232C communications to a 9 pin D female
Software Compatibility:	Drivers are available for Windows Operating Systems
Temperature range:	Better than -10 to +70°C
Humidity Controller:	0% to 95%. Unaffected by condensation
Light Transmission:	Typically better than 93%
EMC:	EN55022:1998 + A1 + A2 EN55024:1998 + A1 + A2 This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

* Double glazing option
In this mode we recommend only touch, not the touch and drag function.
The drag functionality is limited due to the reduction of the scan rate to achieve the touch function through thicker materials.
Due to the variation in double construction glass we recommend testing with a foil during the survey of each individual site since it is impossible to guarantee the foil will function in all cases.

			mm
Active Height		Active-H	498.0
Active Width		Active-W	885.0
Diagonal		D	1015.5
Cut Width		Cut-W	916.0
Cut Height		Cut-H	523.0
Border	min 10.0 mm	BR	10.0
Border	min 10.0 mm	BT	10.0
Border	min 15mm	BB	15.0
Border	min 15mm	BL	15.0
PCB Height	Fixed	I	15.0
Connector from Cut Edge		C	100.0
PCB from opposite cut edge		K	518.0
PCB Width	Fixed	L	292.0
Tail length to PCB		T	150.0
Length to PCB from active area		P	165.0
		Q	95.0

Example measurements of 40" foil