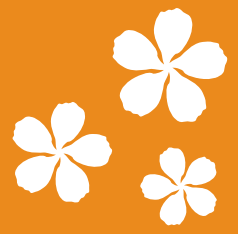


# Pushpam

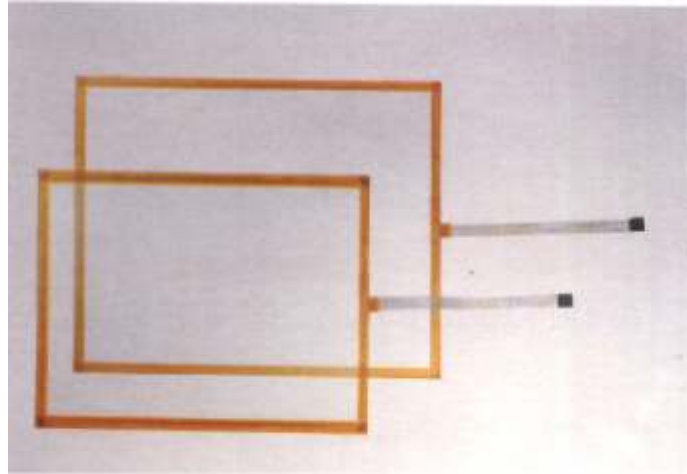
Expanding IT Horizon



**PUSHPAM**

Estd. 1990

Pushpam Geltouch - Capacitive Touch Screen



Tough...touch...feel

# Pushpam Geltouch - Capacitive Specifications

Pushpam Geltouch capacitive touch screen are the superior touch solution for applications that require fast and accurate touch performance. The main feature of them is their limpoid overcoat, which conspicuously strengthens the durability of the surface against scratches and attrition. They also provide durable, accurate and sensitive response, contaminant-resistance dirt.

They are available for a broad variety of uses on gaming kiosks point-of-information, ATM and vending machines.

## Technical Info

### Optical

Touch Screen Resolution	1024 x 1024 or greater touch point per axis within the calibrated area.
Clarity	Upto 90% light transmission at 550 nm; dependant on specific surface finish choosen.
Surface Finishes	Industrial and polished etch for flat or curved.
Coating	There is a protective glass overcoat that protects the sensor by resisting scratches and increasing durability.

### Electrical

Input Method	Finger
Accuracy & Precision Area	Reported touch coordinates are within 1.0% of true positing (based on viewing area dimensions) when linearized .

### Mechanical

Linearization	Factory linearization values are stored in the touchscreen.
Touch Contact Requirement	3 ms for finger input.
Glass thickness	0.125"(±0.125)/ 3.18 mm (± .25 mm) typical.
Surface Scratch Hardness	Can not be scratched using any stylus. Exceeds severe abrasion test. Withstands 105 Newtons of force per balance beam.

### Gasketing

Complete water-resistant seal obtainable with polyethylene gasket.

### Cleaning

Water, isopropyl alcohol, and similar non-abrasive cleaners.

### Reliability

Endurance Test

Sensor with Industrial etch has been tested in a laboratory environment to withstand over 225 million

mechanical touches without noticeable degradation to the surface.

### Surface Obstructions

Touch screen's operation unaffected by surface obstruction such as dirt, dust, grease, smoke, peanut butter

etc.

### Chemical Resistance

It is highly resistance to corrosives.

### Liquid Resistance

Liquids on screen do not impede touchscreen performance.

### Liquid Repellence

Contact angle of 94° and greater measured using Sessile Drop Contact Angle Method. This renders the

screen extremely water repellent.

### Operating Temp Range

-15°C to 70°C for touch screen.

### Storage Temperature

Always store the touch screen sensor in its original shipping container between -50°C and 85°C. Never store

the touch sensors in an environment where condensation may form.

## Sizes & Shapes

### Touch Screen for LCD/CRT Display

15.1" LCD Display      309\*233 mm      309\*233 mm      330\*254 mm

17.1" LCD/CRT Display      340\*272 mm      340\*272 mm      360\*290 mm

Note : All the technical and commercial specifications of the product displayed within the brochure, box, media, color, price, etc. are subject to change without any prior notice. No claims would be entertained by Pushpam and/or it's principal vendors in this regards. For all technical and commercial matter, jurisdiction would be Pune city only.

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