

# SaferTouch™ TPS-100 Antimicrobial Touchscreen Film

## TECHNICAL DATA SHEET

### Description:

SaferTouch™ TPS-100 is a 5.0-mil optically clear overlamine removable film. The top surface also incorporates select optimized antimicrobials to inhibit growth of microorganisms.<sup>1</sup> In addition, the film uses a unique polymer technology that allows the film to cling to glass and other smooth substrates. The result is a very soft peel from glass that mimics static cling performance.

### Features:

SaferTouch™ film mimics static cling and may also be applied by the wet application method to improve aesthetics. The film is available in pre-cut sizes for a variety of common applications, or can be ordered in large format rolls for custom design, cutting or fit to your particular application size.

### Benefits:

SaferTouch™ film is used to prevent the growth of microbes on the surface. It utilizes optimized antimicrobials for effective performance. By incorporating antimicrobials into our SaferTouch™ surfaces, we are helping to reduce the anxiety of using common touchscreens in the workplace. SaferTouch™ film can also protect sensitive electronic components and screens from harsh chemical disinfection, thus extending their life.

### Typical Applications:

SaferTouch™ film can be applied to a variety of touchscreen surfaces such as: kiosks, check-in stations, tablets, mobile computing, restaurant ordering systems, control panels, ATM/payment stations, biometric screens and more.

### Technical Data:

**Face Material:** 5.0-mil polyester  
**Color and Finish:** Clear gloss  
**Liner:** 3.0-mil polyester traction back

### Characteristics:

<b>Target Cling Values</b> (PSTC-1, 180° peel @ 12"/min., 73°F, on glass)	<b>15 min.</b>	<b>24 hr.</b>
<b>Minimum Application Temperature</b>	<1 oz/in	<1 oz/in
<b>Service Temperature Range</b>	32°F	
<b>Shelf Life (@ 73°F, 50% RH)</b>	-40°F to +225°F	
<b>Outdoor Durability</b>	2 years	2 years

### Antimicrobial Effectiveness:

Touchpoint Science is working with world leading suppliers of antimicrobial chemistries that have been tested and proven to be effective against bacteria, fungi and viruses in various applications.<sup>1</sup>

The antimicrobial chemistries that we employ in SaferTouch™ films are EPA approved<sup>2</sup> for this use. These antimicrobials have been used for decades in such applications as- medical devices, wound care gauze, sportswear, protective equipment and many other applications.

### Cleaning Instructions:

In order to provide optimum performance of the film and prevent scratching, a soft cloth with mild cleaning detergents or a mild bleach wash should be used.

<sup>1</sup> SaferTouch tapes and films use EPA registered active agents designed to impart antimicrobial activity to the manufactured products. These antimicrobials can suppress the growth of microbes such as bacteria, fungi, yeasts and algae which cause unpleasant odors, discoloration, staining or deterioration of the product only. No public health claims are meant or implied by Touch Point Science. This product does not protect user from disease causing bacteria, viruses, germs or other disease causing organisms.

<sup>2</sup> EPA registration is for use as a preservative and bacteriostatic agent for use in the manufacture of polymer, plastic and latex products. For commercial and industrial use.