

## ImagePerfect™ SafeTouch

The clear choice for antimicrobial film protection



Highly effective antimicrobial agent



Over 99.99% proven effectiveness



Guaranteed antimicrobial performance for 3 years



Fully resistant to heavy-duty and abrasive cleaning



▲ Added protection for tables, desks and counters

▼ Makes screens, doors and panels safer to touch



## Maximum protection against microbes.

ImagePerfect™ SafeTouch is a 3.2 mil self-adhesive antimicrobial clear laminate for use on surfaces where it's important to minimize the spread of microbes.

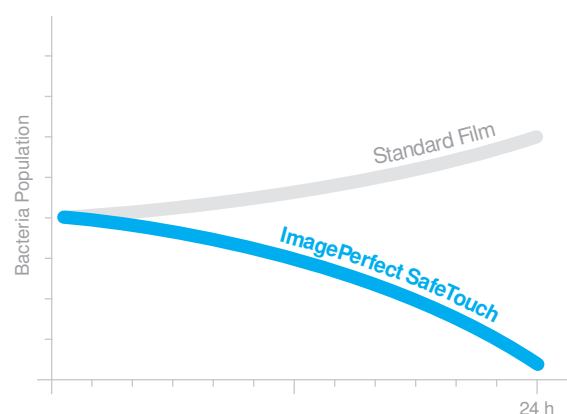
The film incorporates the highly effective antimicrobial agent zinc pyrithione, which inhibits the growth of microorganisms such as bacteria, fungi and parasites on the surface. The active agent works by depriving microbes of the conditions they need to survive and spread. The film delivers over 99.99% proven protection against growth of specific microbes, guaranteed for 3 years.

The ultra-effective antimicrobial agent is encapsulated within the structure of the film, rather than being applied as a coating. This preserves the protective properties against regular abrasive cleaning, delivering stable, long-lasting performance.

Thorough independent tests show that ImagePerfect SafeTouch is fully resistant to frequent cleaning with solvents such as 70.0% ethanol, 0.1% IPA and 5.0% benzalkonium chloride.

In addition, it offers superior removability with clean-peel properties and no adhesive transfer. This allows the surface to be easily restored to its original state after film removal.

The film is available in gloss and matte finishes allowing customers to combine performance with aesthetic requirements.





▲ Can be applied directly over printed graphics

## Applications

ImagePerfect SafeTouch can be applied directly to a wide variety of surfaces such as wood and glass. Its high level of transparency allows the natural aesthetic of the original surface to be retained.

The film is ideal for application onto a wide variety of flat objects, including doors, desks, tables, counters, cupboards, shelves, windows and panels. Some examples of various environments where the product can be used:

<b>Retail</b>	Shopping centers, supermarkets, shops
<b>Healthcare</b>	Hospitals, clinics, doctors' surgeries
<b>Education</b>	Nurseries, schools, universities
<b>Public transport</b>	Taxis, buses, trains
<b>Hospitality</b>	Hotels, restaurants, cafes, bars, gyms, cinemas
<b>Events</b>	Exhibition centers, conference facilities, meeting rooms

## The Features

**Incorporates highly effective antimicrobial agent - zinc pyrithione**

**Antimicrobial agents encapsulated in the structure of the film**

**Solvent adhesive**

**3.2 mil**

**Independently tested**

**Thorough antimicrobial tests**

**Transparent film**

**Gloss and matte finishes**

**Clean-peel with no adhesive residue**

## The Benefits

Delivers over 99.99% proven protection against the growth of a range of common bacteria, fungi and parasites

Product's protective properties are preserved even with regular abrasive cleaning, delivering guaranteed protection for 3 years

Provides an additional hostile environment to microbes around joints and film edges

Robust film which is easy to handle during application

Offers peace of mind

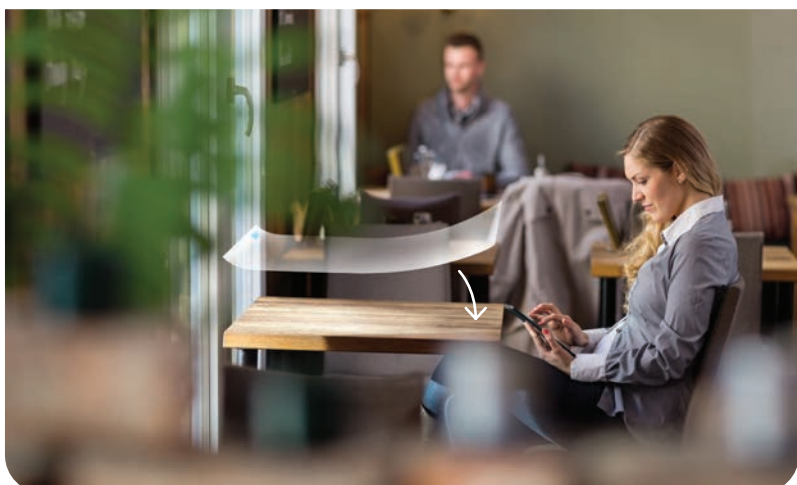
Proves the film is fully resistant to frequent cleaning

The natural aesthetic of the original surface is retained and can be applied over printed graphics

Offers maximum aesthetic choice for customers

Surface is easily restored to its original state after film removal

▼ Fully resistant to spillages and frequent cleaning



## Antibacterial Properties

In accordance with ISO 22196, the antimicrobial property of ImagePerfect SafeTouch has been proven to offer high levels of efficacy (over 99.99%) against a number of different types of bacteria\*, including:

Escherichia Coli (E. Coli)  
 Staphylococcus Aureus (Golden Staph)  
 Methicillin-resistant Staphylococcus Aureus (MRSA)  
 Salmonella  
 Listeria  
 Klebsiella Pneumoniae (K. Pneumoniae)  
 Enterococcus Faecalis (E. Faecalis)  
 Pseudomonas Aeruginosa  
 Legionella Pneumophila

\*At the time this document was created, the list of tested bacteria was as above. Tests on other microbes are continuously being performed. To see the latest list please visit our website.



Specifications	
<b>Adhesive</b>	Solvent based semi-permanent
<b>Adhesive strength</b>	10N / 25mm (Finat TM 1/24h)
<b>Release paper</b>	2 side PE-coated silicone paper, 140g/m <sup>2</sup>
<b>Temperature range</b>	-22°F to +194°F
<b>Flame retardancy</b>	EN13501 – 1:2018, classification: B-s1, d0

## Application Features

- ✓ Apply to a variety of surfaces including wood, glass, stainless steel, aluminium, rigid PVC, acrylic sheets and touch screens
- ✓ High transparency means that the natural aesthetic of the original surface is maintained
- ✓ Can be used as a laminate on printed films
- ✓ Available in gloss and matte finishes

## Antimicrobial Testing

Thorough tests prove that the antimicrobial performance of ImagePerfect SafeTouch withstands prolonged and repeated surface cleaning using harsh solvents such as 70.0% ethanol, 0.1% IPA and 5.0% benzalkonium chloride. All tests were performed independently\*\* offering peace of mind.

\*\*ImagePerfect SafeTouch has been independently tested by 3A Laboratori (accredited UNI CEI EN ISO/IEC 17025, and certified UNI EN ISO 9001)



## Look for the sign!

ImagePerfect SafeTouch comes with a sticker to give your customers extra confidence that the film is in use.



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ImagePerfect™ 2830-111 is a functional laminate with an antimicrobial additive that has been specifically designed for **protecting surfaces in a wide variety of environments.**

## IP 2830-111

ImagePerfect™ 2830-111 SafeTouch is a functional laminate containing a highly-effective additive that offers protection from micro-organisms, such as bacteria, fungi and parasites. While antimicrobial products typically incorporate silver agents, this product utilizes zinc pyrithione as its active ingredient and it is encapsulated within the film rather than manifesting as a simple coating on top of the film. As such, the antimicrobial effect is stable and long-lasting. Indeed, when tested independently, the antimicrobial properties were found to be completely unaffected when IP SafeTouch was fully immersed for 1 minute in 3 different solutions of 70.0% ethanol, 0.1% IPA and 5.0% benzalkonium chloride, before being cleaned and dried and then re-immersed for a further minute, with this cycle being repeated 50 times. Please refer to the ImagePerfect™ SafeTouch supporting documents for further detail. In accordance with ISO 22196, the antimicrobial property of IP 2830-111 SafeTouch has been substantiated via extremely high levels of efficacy (higher than 99.99%) for killing a number of different bacteria, including Escherichia Coli (E. Coli), Staphylococcus Aureus (Golden Staph), Methicillin-Resistant Staphylococcus Aureus (MRSA), Salmonella, Listeria, Klebsiella Pneumoniae (K. Pneumoniae), Enterococcus Faecalis (E. Faecalis), Pseudomonas Aeruginosa and Legionella Pneumophila. Again, please refer to the ImagePerfect™ SafeTouch supporting documents for further detail. IP SafeTouch can be used on many different kinds of flat surface, including doors, desks, tables, counters, cupboards, shelves, windows and panels, and it can be used in a wide variety of environments, such as RETAIL SPACES (shopping centers, supermarkets, barbering shops, etc), HEALTHCARE ENVIRONMENTS (hospitals, clinics, doctors' surgeries, etc), EDUCATIONAL FACILITIES (nurseries, schools, universities, etc), PUBLIC TRANSPORT (taxis, busses, trains, etc), LIFESTYLE ENVIRONMENTS (hotels, restaurants, cafes, bars, gyms, etc) and EVENT BUSINESS LOCATIONS (exhibition centers, conference facilities, meeting rooms, etc). However, we would not recommend this product for use in environments in which it could be subject to direct food contact (such as kitchens, food preparation areas, food processing plants, etc). When used as a protective laminate on printed output, it supports compatibility with different grades of calendered PVC. In such cases, the printed media must be left to "dry" for at least 48 hours before being laminated with IP SafeTouch, otherwise the antimicrobial properties could be negatively impacted. In application, IP SafeTouch has a high level of transparency, thereby retaining the aesthetic of the surface to which it is applied and, when applied to an appropriate substrate, it will support removability with easy clean properties in the event of any adhesive transfer. Surface preparation: Before IP SafeTouch is applied, the surface should be completely cleaned. The use of IP Surface Cleaner (MIP1000) and the lint-free, IP Surface Cleaning Cloths (MMS8373) is a good match-component cleaning solution to ensure that the surface is dry and free of dust and grease.

### Specifications

DESCRIPTION	Technical laminate
COLOUR	Clear gloss
THICKNESS	3.2 mil
WEIGHT	N/A
ADHESIVE	Solvent based acrylic, semi-permanent
ADHESIVE STRENGTH	10N / 25mm (Finat TM 1/24h)
RELEASE PAPER	PE-coated silicone paper, 140g/m <sup>2</sup>
TEMPERATURE RANGE	-22°F to +194°F
DURABILITY (UNPRINTED)	3 years
FLAME RETARDANCY	B-s1, d0
SHELF LIFE	2 years, 68°F / 50% humidity
END OF LIFE / DISPOSAL	Not currently recyclable. Can be used for refuse derived fuel ( RDF)

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Information on physical and chemical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information. They are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material for its specific use, not least with regard to possible application-related influences. All technical data are subject to change.

The durability expectation is based on mid European exposure conditions. The actual performance life will depend on substrate preparation, exposure conditions and the maintenance of the applied product. For instance, exterior performance will typically decrease in the case of installations facing south, in areas of extended exposure to high temperatures (such as southern European countries), in industrially polluted areas or in areas of high altitude. Also, for horizontal applications, exterior performance will typically be impacted.

In the event of improper use and/or incorrect processing that does not comply with our instructions, any liability is excluded, including that for follow-up costs. Digital: The print media should be completely dry before further processing, such as cutting, laminating, varnishing or application, or the residual solvents could otherwise change the specific features of the product. To ensure the best possible outcome, the match-component ImagePerfect™ profile should be used with the relevant ImagePerfect™ print media.