



WHITE SQUARE INC.



# **SAFETY TOUCH**

## **Antimicrobial Copper Specifications**

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# **Film**

**White Square Inc.**

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SAFETY TOUCH



Product Testing Laboratories

## Antimicrobial Copper Film

Protection from the spread of infectious diseases through commonly used surfaces can be quite the challenge. Safety Touch Antimicrobial Copper Film is superior in many key attributes including advanced adhesive technology, layered product structuring, and extensive durability for everyday use. Contact us to find out how easily you can protect your business, employees, and customers by using Safety Touch Antimicrobial Copper Film.



## Effectiveness of Copper

- I. Step 1 Bacteria recognizes copper-ion as nutrients & absorbs it
- II. Step 2 Bacteria loses all nutrients through leaks caused during copper ion absorption
- III. Step 3 Oxygen fills the membrane accelerating destruction
- IV. Step 4 Metabolic functions are disrupted and eventually completely destroyed.



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## Product Features



- ❖ 99.9% Copper film – no top coating
  - ❖ Translucent film
  - ❖ PE (polyethylene) core
- ❖ Removable adhesive residue free for up to one year
- ❖ Semi-permanent Antimicrobial effectiveness
- ❖ Scratch resistant during normal use
- ❖ Easily cleanable with nearly any off the shelf kitchen cleaners and or disinfectants

Model	Size	Packing
RF7051CU15	15.7" x 10.9 yd/roll	20 rolls in a box
RF7051CU48	48" x 55 yd/roll	One individual roll in a box

## Technical Data

Description	Unit	Results	Method
Film Thickness	mils	5	
Liner Thickness	mils	2.5	PET/Paper
Color		Transparent Matte	
Tensile MD	Kgf/cm <sup>2</sup>	320	
Strength TD	Kgf/cm <sup>2</sup>	270	ASTM D882 SUS304
Elongation MD	%	600	
Elongation TD	%	680	
Adhesive Properties	g	100~150	(356°F)
Adhesive Type Applying		Solvent Acrylic	Acrylic Type
Temperature	°F	-4~230	RNF Method

(The figures shown above are representative, but not specification values.)