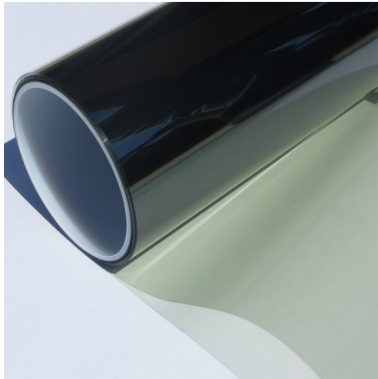


Signal Protect Clear >> Radio Frequency / Microwave Shielding Window Film <<



Signal Protect Clear is our premium Radio Frequency/Microwave window shielding film with water activated adhesive. Designed to protect indoor living space from a wide range of analogue and pulsed digital signals from exterior sources such as Microwave Transmitters, Cell Phone Towers, neighbors Cordless Telephones, Smart Meters, Wi-Fi signals and more. Other benefits include improve safety, security, energy efficiency and UV protection

Application

- For interior glass installations – to be installed on the inside of windows
- Ideal for retrofit of windows and glass surfaces
- For flat glass but adaptable to automotive application with specialized installation

Warranty

Limited Lifetime - Residential
Limited 10 Year - Commercial

Suitable for Military and Government Installations

- Provides privacy, RF and IR eavesdropping protection and security for WiFi
- 8mil version used as safety glass / blast proof
- IEEE-STD-299 RF Shielding Certification

Installation

- Water activated self adhesive
- Professional installer is recommended

Care

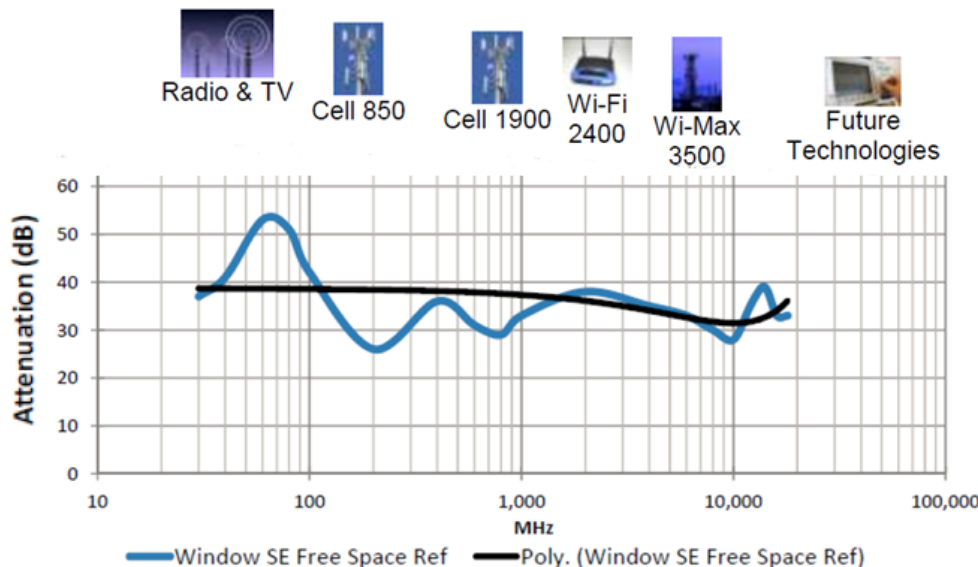
- To clean window film, wipe it gently with a soft, damp, non-abrasive cloth



Technical Data

% Visible Light Transmittance	72 "High"
% IR Light Blocked	95+ "High"
% UV Light Blocked	99+ "High"
Total Solar Energy Rejected	55 "Medium"
Thickness	Standard thickness 2mil - safety glass / blast proof format of 8 mil
Format	Sold per linear ft in 3, 4 or 5 ft widths @ 5 ft increments
Quantity	Minimum Quantity = 5 linear ft or (5 feet length X roll width)
Full Roll	100 ft long—Cutting and rolling fees apply to partial rolls

Shielding Effectiveness: Signal Protect - Clear



dB Shielding Table

- 10dB = 90%
- 15dB = 97%
- 20dB = 99%
- 25dB = 99.7%
- 30dB = 99.9%
- 35dB = 99.97%
- 40dB = 99.99%
- 45dB = 99.997%
- 50dB = 99.999%
- 55dB = 99.9997%

RF Sources

Baby Monitor	49, 902, 2400 MHz
Bluetooth	2400 MHz
Cellular	700-2600 MHz
5G Low-Mid, High Band	600-6000 MHz, 24000 MHz+
DECT Phone	1900 MHz
FM Radio	88-108 MHz
Microwave Oven	2450 MHz
Smart Meter	900, 2400 MHz
TV Towers DTV	54-698 MHz
WiFi Router	2400, 5000, 6000 MHz
WiMax	3500 MHz