

- * Anti-eavesdropping and TSCM (Technical Surveillance Counter Measure)
- * Energy Savings
- * Safety & Security glass fragment control
- * Security for 802.11 and other wireless technologies
- * UV protection for fade control and health issues
- * EMI (Electromagnetic Interference) protection and RF shielding for equipment and people
- * Pressure Sensitive Clear Distortion Free Adhesive
- * For interior or exterior facing glass applied to the interior side.
- * Providing RF and IR attenuation for migrating electronic eavesdropping and TSCM security and other EMI applications
- * Warranty - Lifetime against cracking, peeling, crazing, bubbling, or degrading.

CHARACTERISTICS

- super-clear PET base material
- 100% nano-carbon material
- zero signal interference
- blocks 99% of UV rays
- easy to install and shrink
- exceptional clarity

LAYER DESCRIPTIONS

Base Film

optical-grade polyethylene terephthalate (PET)

Adhesive

acrylic-based adhesive

Liner/RF

silicone-based liner

Overall Thickness

2mil and 8mil

APPLICATIONS

For building glass (other uses may apply).

APPLICATION SURFACE

Intended for interior application on both flat and curved building glazing.

APPLICATION METHOD

Anti eavesdropping films are to be professionally applied by skilled, well-trained, and authorized installers.

SFB - RF/IR/EMI Anti Eavesdropping / Electromagnetic Shielding Film

Technical Data

PRODUCT DESCRIPTION

Currently, high-tech surveillance methods are emerging endlessly. And the most covert eavesdropping method is "laser eavesdropping".

Sound is generated by vibration, and sound can also cause vibration in surrounding objects. "Laser eavesdropping" technology refers to the process of emitting a beam of invisible laser light onto objects near the sound source, collecting and analyzing the vibrations induced in the objects by the sound source, thereby reconstructing the sound and achieving the purpose of eavesdropping using laser light.

Professional laser protective film can effectively block the light penetration of laser eavesdropping devices, thus protecting the privacy within the room. This protective film can be applied to surfaces such as windows, walls, and glass, providing individuals and institutions with an additional barrier to prevent eavesdroppers from obtaining sensitive information.

MAINTENANCE AND CLEANING

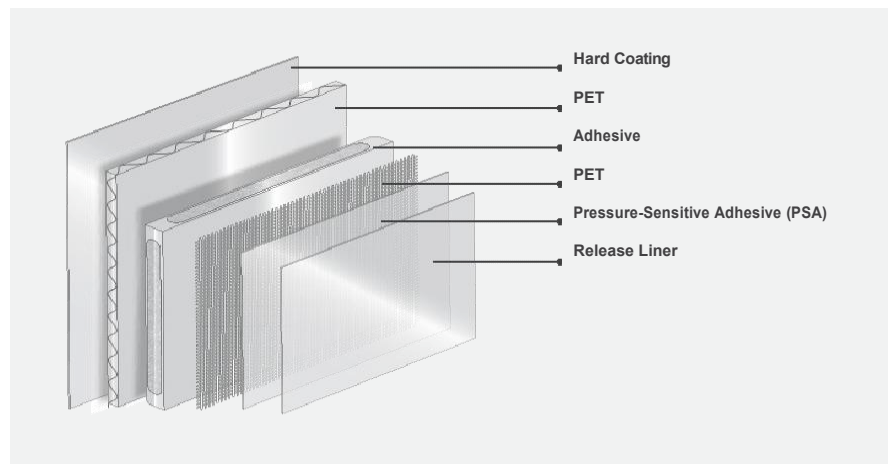
To maximize the life of the anti eavesdropping film, follow these instructions for proper care and maintenance.

1. Always use clean, soft materials to wash and dry anti eavesdropping film surfaces.
2. The anti eavesdropping film maybe cleaned with most conventional washing solutions. Avoid ammonia-based window-cleaning products.
3. A soft cloth (micro fiber recommended) or clean synthetic sponge should be used for washing.

For subsequent drying, a clean, soft cloth or soft rubber squeegee is recommended.

DO NOT CLEAN THE FILM FOR AT LEAST 30 DAYS FOLLOWING INSTALLATION.

LAYER THICKNESS



TRANSMITTANCE INFORMATION

Visible Light Transmittance		65%
Visible Light Reflected	Exterior	8.7%
	Interior	9.2%
IR Rejection	950 nm	96.0%
	1400 nm	99.9%
UV Rejection		99.0%
Glare Reduction		30.0%
TSER		77.1%
Optical density value		OD3

RF Attenuation (30MHz - 10GHz) >30db Ice Blue Transparent Color Barely Seen