

**4M SILVER 20**  
SAFETY & SECURITY WINDOW FILM

**BENEFITS**

- > Designed for safety and security applications.
- > Excellent solar performance.
- > Advanced adhesion formulation.
- > Superior optical clarity and glare reduction.
- > Blocks over 99% of the sun's damaging ultraviolet rays, keeping upholstery, carpet and window treatments looking like new.
- > Blocks 79% of the sun's heat, keeping your home or office building significantly more comfortable.
- > Exclusive Manufacturer's Warranty.



**PRODUCT SPECIFICATIONS**

Visible Light Transmittance	15%
Total Solar Transmittance	12%
Total Solar Reflectance	55%
Total Solar Absorbance	33%
Visible Light Reflectance	
Interior	58%
Exterior	60%
Winter U-Value	0.94
UV Rejected	99%
Glare Reduction	84%
Shading Coefficient	0.24
Total Solar Energy Rejected	79%

**PHYSICAL PROPERTIES**

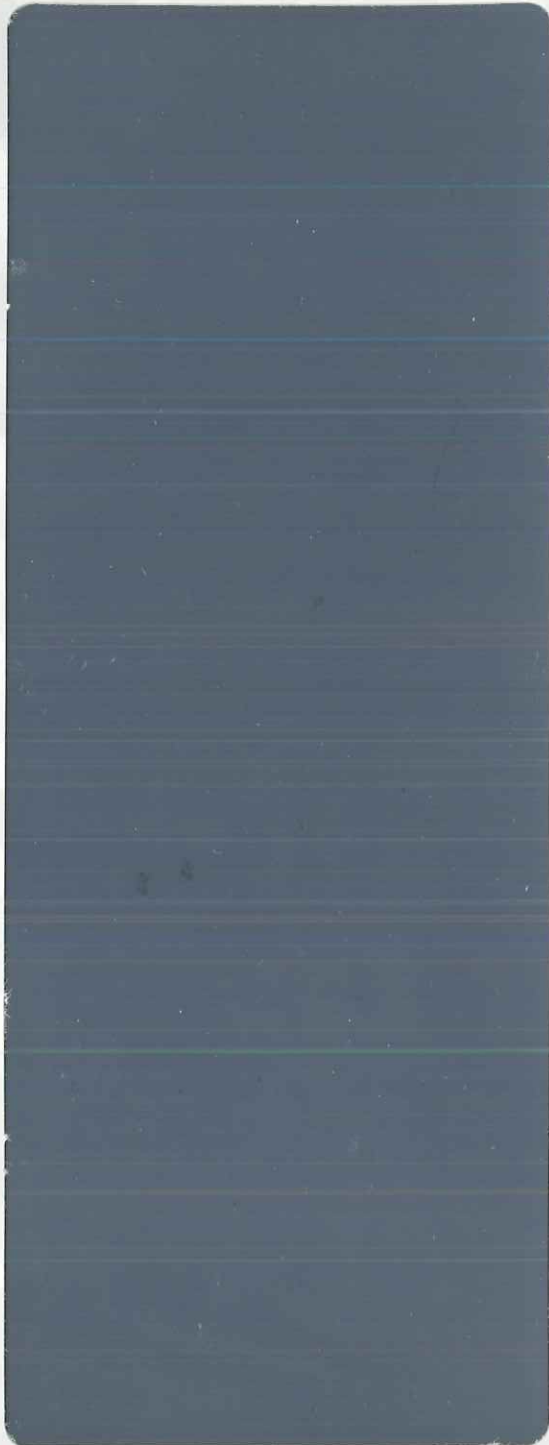
Film Thickness	0.004"
Single or Multi-Ply	Multi
Tensile Strength	33,600 psi
Break Strength	134 lbs/inch
Elongation at Break	>100%
Peel Strength	2750 g/inch
Puncture Strength	103 lbs

Note: All data values above are representative and are provided for comparison purposes only.



**INTERIOR**

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**increase protection**

By blocking ultraviolet rays, deterring smash-and-grab robberies, and preventing flying glass shards from causing injury during violent storms, SunTek Safety & Security Window Films offer increased protection for a variety of applications. Due to SunTek's state-of-the-art coating processes and technology, they have the capability to manufacture the most optically clear and aesthetically pleasing safety & security window films on the market.



SunTek Safety & Security Window Films have been evaluated according to the following test methods/standards:

- > Small Missile Impact Test – ANSI Z-97.1 and CPSC 16 CFR 1201
- > Large Missile Impact & Cyclic Wind Pressure Tests – ASTM E 1886-02/ASTM E 1996-03, Level C, 4.5lb 2"x 4"
- > GSA Explosive Test – GSA-TS01-2003
- > Flame Spread and Smoke Developed Test – ASTM E-84



AMERICAN SOCIETY OF  
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**EXTERIOR**