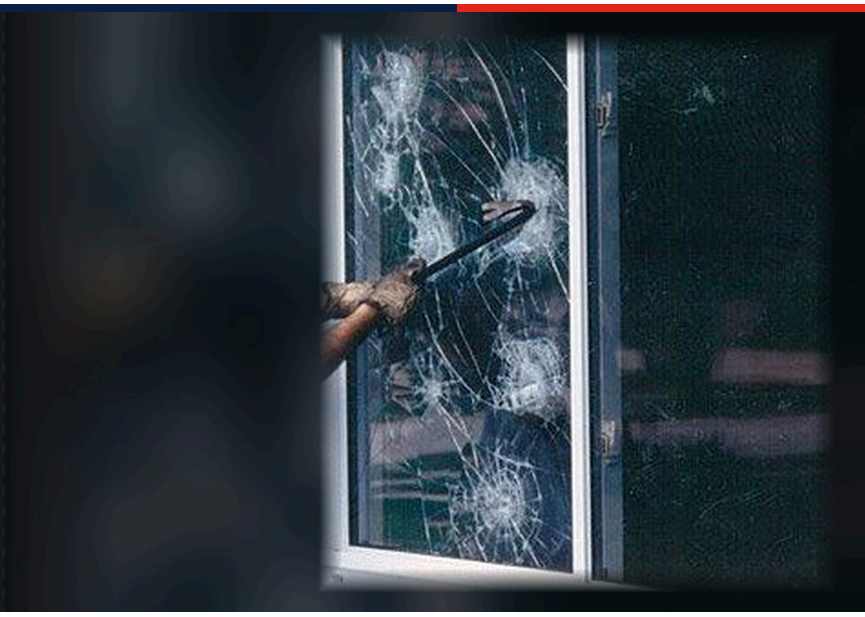
TECHNICAL DATA SHEET

SAFETY & SECURITY WINDOW FILM

SAFETY & SECURITY LINE

SAFETY 16 MIL



87% VISIBLE LIGHT	**16 mil** FILM THICKNESS
440 lb/in BREAK STRENGTH	**UL 972** TESTED / RATED TO

PERFORMANCE DATA

Visible light transmitted (VLT)	**87%**
UV rejected	**99%**
Total solar energy rejected	**19%**
Glare reduction	**1%**
Solar reflected / absorbed / transmitted	**9 / 13 / 78%**
Visible reflectance int. / ext.	**8 / 8%**
Shading coefficient / SHGC	**0.93 / 0.81**
Tested / rated to	**UL 972**

PHYSICAL PROPERTIES

Tensile strength (avg.)	**32,000 psi**
Break strength	**440 lb/in**
Puncture strength	**>275 lb**
Elongation	**>200%**
Peel strength (adhesion)	**>5 lb/in**
Tone / product code	**Clear / FSAF1660100**

BENEFITS

- **Burglary resistance**
  Banks, jewelers and high-value storefronts; tested to UL 972.
- **Holds broken glass in place**
  Keeps shards together to help protect people from flying glass.
- **Delays forced entry**
  Adds time and effort for anyone trying to get through the glass.

Tested to ANSI/UL 972 (burglary-resisting glazing). 16 mil film on 6 mm annealed glass: a 5 lb steel ball dropped from 10 ft (50 ft-lb) five times on each sample. Glass cracked, no penetration on all 3 samples: passed. Independent laboratory, 2024.

THICKNESSES (MIL)

4 | 7 | 8 | 11 | 12 | 14 | **16** | 18 | 21 | 24

All tested materials were applied on a ¼″ clear glass surface in accordance with industry standard tests. Data is for comparison purposes only.

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