Keep outside dangers securely outside with 3M™ Scotchshield™ Safety & Security Window Film Ultra Series.

- Co-extruded micro-layered film composite with high Graves tear resistance and high energy absorption for enhanced protection of people, property and possessions
- Mitigates hazards from shattered glass due to natural disasters
- Meets and exceeds many industry performance standards for glass fragment retention
- Helps protect people from flying glass shards, one of the most common causes of blast related injuries and fatalities
- Can be combined with 3M™ Impact Protection Attachment Systems for additional safety and security
- Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- Comprehensive warranty from 3M

<table>
<thead>
<tr>
<th></th>
<th>Ultra 600</th>
<th>Ultra 800</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blast Mitigation</td>
<td>★★★★☆</td>
<td>★★★★★</td>
</tr>
<tr>
<td>Break and Entry</td>
<td>★★★★☆</td>
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<tr>
<td>Safety Glazing</td>
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<tr>
<td>Seismic</td>
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In comparison to other 3M™ Safety & Security Window Films

Superior protection and clarity.

Valued Associations and Alliances:
Ultra Series

Bomb Blast and Explosion Protection
- Help protect people from flying glass shards, one of the most common causes of blast related injuries and fatalities

Safety Glazing and Human Impact
- Upgrade your glass to meet safety glazing codes*
- Help protect your occupants from broken glass hazards

Break and Entry
- Provides precious time by helping to deter unwanted individuals from entering your building or home
- Help protect occupants and assets

Seismic and Spontaneous Glass Breakage
- Help keep glass fragments from falling from your windows, helping to protect people and potentially reducing injuries on your property

Film Properties (nominal) — not for specification purposes

<table>
<thead>
<tr>
<th>Film Type</th>
<th>Film Thickness</th>
<th>Construction</th>
<th>Tear Resistance</th>
<th>Tensile Strength</th>
<th>Break Strength</th>
<th>Elongation at Break</th>
<th>Peel Strength</th>
<th>Abrasion Resistance</th>
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<td>Ultra 600</td>
<td>6 mil (0.15mm)</td>
<td>Micro-layered</td>
<td>1,000 lbs%</td>
<td>32,000 psi</td>
<td>210 lbs/in</td>
<td>115%</td>
<td>&gt; 8 lbs/in</td>
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<td>Micro-layered</td>
<td>1,200 lbs%</td>
<td>32,000 psi</td>
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Completed Testing
- ASTM F1642
- GSA TS01-2003
- ISO 16933

Completed Testing
- ANSI Z97.1
- 16 CFR CPSC 1201
- EN 12600

Completed Testing
- Independent lab evaluations, contact 3M for details

Completed Testing
- ASTM E 1886

Completed Testing
- ASTM F1642
- GSA TS01-2003
- ISO 16933

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Ultra 800
- 8 mil (0.20mm)
- Micro-layered
- 1,200 lbs%
- 32,000 psi (220 MPa)
- 255 lbs/in (1,134 N / 25mm)
- 130%
- > 6 lbs/in (27 N / 25mm)
- <3%

*Building codes vary, please consult with 3M and your local code official.

Warranty, Limited Remedy and Disclaimer: Many factors beyond 3M’s control and uniquely within user’s knowledge and control can affect the use and performance of a 3M product in a particular application. User is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user’s method of application. Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M’s option, replacement of the 3M product or refund of the purchase price. Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

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