

CAROLINA SOLAR CONTROL

3M Authorized Window Film Dealer
 Prestige Dealer Network
www.Carolina-Solar.com

3M Scotchshield Ultra Series - Clear. Micro-Layered. Tear Resistant.

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



- ▶ **Break and Entry Protection**
 Provides precious time by helping to deter forced entry
- ▶ **Safety Glazing and Human Impact**
 Upgrades your glass to meet safety glazing codes
- ▶ **Bomb Blast and Explosion Protection**
 Helps protect people against flying glass hazards, injuries, and fatalities

Clear Ultra Series. Film Properties (nominal) - not for specification purposes

Film Type	Film Thickness	Construction	Tear Resistance	Tensile Strength	Break Strength	Elongation at Break	Peel Strength	Abrasion Resistance
Ultra S600	6mil (0.15 mm)	Micro-Layered	1,000 lbs%	27,000 psi (186 Mpa)	160 lbs/in (712 N/25 mm)	90%	> 8 lbs/in (36N/25 mm)	<3%
Ultra S800	8mil (0.20 mm)	Micro-Layered	1,200 lbs%	27,000 psi (186 Mpa)	215 lbs/in (956 N/25 mm)	95%	> 6 lbs/in (27N/25 mm)	<3%

3M Scotchshield Safety Series - Clear. Single Ply. On Budget.

Clear Safety Series. Film Properties (nominal) - not for specification purposes

Film Type	Film Thickness	Construction	Tensile Strength	Break Strength	Elongation at Break	Peel Strength	Abrasion Resistance
Safety S40	4mil (0.10 mm)	Single ply	25,000 psi (172 Mpa)	100 lbs/in (445 N/25 mm)	>125%	> 4 lbs/in (18N/25 mm)	<5%
Safety S70	7mil (0.18 mm)	Single ply	25,000 psi (172 Mpa)	175 lbs/in (778 N/25 mm)	>125%	> 5 lbs/in (22N/25 mm)	<5%

Valued Associations and Alliances:



3M Science. Applied to Life.™