

# CAROLINA SOLAR CONTROL

**3M** Authorized Window Film Dealer  
 Prestige Dealer Network  
[www.Carolina-Solar.com](http://www.Carolina-Solar.com)

## 3M Scotchshield Safety and Solar Series - Tinted Glass Protection

Save energy, enhance comfort, provide added safety and privacy with 3M™ Safety & Security Window Film Solar Safety Series.

- ▶ Combines the benefits of 3M Safety Series with the benefits of 3M Neutral 35 and 3M Silver P18 Sun Control Films
- ▶ Helps protect people from flying glass hazards, one of the most common causes of blast related injuries and fatalities
- ▶ Great heat rejection helps provide energy savings and improved personal comfort
- ▶ Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading

Glass Type (All 1/4")	Visible Light			UV Light Rejected	Total Solar Energy Rejected	Glare Reduction	Solar Heat Reduction
	Reflected (Interior)	Reflected (Exterior)	Light Transmitted				
Neutral S35	13%	23%	39%	99%	57%	56%	47%
Silver S20 (P18)	62%	61%	18%	99%	76%	80%	70%

### Film Properties (nominal) - not for specification purposes

Film Properties	Film Thickness	Construction	Tensile Strength	Break Strength	Elongation at Break	Peel Strength	Abrasion Resistance
Safety Solar Series	0.008" (0.20 mm)	Laminated	25,000 psi (172 Mpa)	200 lbs/in (890 N/25 mm)	85%	> 3 lbs/in (13N/25 mm)	< 5% Haze increase



All - around protection.  
 On budget.



**3M** Science.  
 Applied to Life.™