

## Product Benefits

- Provides glass shatter protection
- Increased impact resistance for additional safety and security
- Metal-free design with no electronic interference\*\*\*
- Low visible light reflectivity value
- Up to 99% UV protection

## Product Performance & Technical Data

Auto 75*	Film	Visible Light Transmittance	Visible Light Reflectance Exterior	Visible Light Reflectance Interior	UV Block	Total Solar Energy Rejected	Glare Reduction
	Auto 75 Glass	73%	7%	7%	67%	42%	NA
	SAS 5	5%	4%	5%	99%	60%	94%
	SAS 20	17%	5%	5%	99%	58%	78%
	SAS 35	27%	4%	5%	99%	55%	65%
	SAS 50	42%	5%	6%	99%	51%	44%
	SAS Clear	73%	7%	7%	98%	42%	1%

6mm Clear**	Film	Visible Light Transmittance	Visible Light Reflectance Exterior	Visible Light Reflectance Interior	UV Block	Total Solar Energy Rejected	Glare Reduction
	Clear Glass	89%	9%	8%	34%	19%	NA
	SAS 5	6%	5%	5%	99%	43%	94%
	SAS 20	20%	5%	5%	98%	41%	78%
	SAS 35	32%	5%	5%	98%	38%	64%
	SAS 50	49%	6%	6%	98%	33%	44%
	SAS Clear	88%	9%	9%	97%	21%	1%

## Film Properties (nominal)

Product	Film Thickness	Tensile Strength	Break Strength	Elongation at Break
SAS Series	0.004" (0.10 mm)	25,000 psi (172 mPa)	100 lbs/in (45 kg / 25 mm)	>110%

-Not for specification purposes

\* Data should be used as a reference tool for net VLT on ¼" (6mm) thick, automotive green glass of 73% VLT, and testing is in accordance to ANSI/NFRC 200 Procedure.

\*\* Data is comparable to current auto industry method using a clear 89% VLT glass, and testing is in accordance to ANSI/NFRC 200 Procedure.

\*\*\*Will not interfere with cell phones, GPS systems or satellite radio.

### Commercial Solutions Division

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## AIS

View the Article Information Sheet (AIS), document # 32-5934-8, 32-5935-5, 32-5545-2, 38-4819-9 & 38-4816-5 for 3M(TM) Scotchshield(TM) Auto Security Film, SAS at 3M.com/SDS.

## Technical Information

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