

## Product Benefits

- Excellent heat rejection
- Helps reduce interior damage due to fading
- Helps to reduce eyestrain
- Choice in degree of glare reduction
- 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	Infrared Rejection***	Infrared Energy Rejection****
	Auto 75 Glass	73%	7%	7%	67%	42%	NA	NA	NA
	Black Chrome 10	9%	17%	18%	99%	70%	88%	86%	70%
	Black Chrome 20	14%	15%	25%	99%	68%	68%	81%	68%
	Black Chrome 35	30%	10%	11%	99%	61%	60%	71%	64%
	Black Chrome 40	35%	8%	8%	99%	58%	53%	51%	62%

6mm Clear**	Film	Visible Light Transmittance	Visible Light Reflectance Exterior	Visible Light Reflectance Interior	UV Block	Total Solar Energy Rejected	Glare Reduction	Infrared Rejection***	Infrared Energy Rejection****
	Clear Glass	89%	9%	8%	34%	19%	NA	NA	NA
	Black Chrome 10	10%	22%	18%	99%	72%	88%	86%	72%
	Black Chrome 20	17%	20%	25%	99%	68%	81%	81%	68%
	Black Chrome 35	36%	13%	11%	99%	53%	60%	71%	53%
	Black Chrome 40	42%	9%	8%	99%	47%	53%	51%	47%

\* 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.

\*\*\*\*IRR - IR Rejected over 900 – 1,000 nm. Film with liner measurement

\*\*\*\*\*IRER – The percent of solar infrared energy rejection over the wavelength range from 780 – 2,500 nm. IRER takes into account the transmitted and absorbed IR energy that will be reradiated into a car. Film is applied to glass

## Commercial Solutions Division

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## AIS

View the Article Information Sheet (AIS), document # 20-1980-0 for 3M Black Chrome Series at [3M.com/SDS](https://www.3m.com/SDS).

## Technical Information

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