Product Benefits

- Great infrared heat reduction
- High total solar energy rejected
- Metal-free design with no electronic interference***
- Low visible light reflectivity value
- Up to 99.9% UV protection

Product Performance & Technical Data

	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*	Auto 75 Glass	73%	7%	7%	67%	42%	NA	NA	NA
	Ceramic IR 5	5%	4%	4%	99.9%	66%	93%	95%	67%
	Ceramic IR 15	16%	5%	5%	99.9%	63%	78%	90%	67%
	Ceramic IR 25	25%	5%	5%	99.9%	61%	65%	90%	67%
	Ceramic IR 30	30%	5%	6%	99.9%	60%	59%	88%	67%
	Ceramic IR 35	37%	5%	6%	99.8%	58%	49%	85%	67%
	Ceramic IR 50	50%	6%	6%	99.8%	54%	32%	83%	66%
	Ceramic IR 70	64%	7%	7%	99.6%	51%	12%	78%	66%

	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*****
6mm Clear**	Clear Glass	89%	9%	8%	34%	19%	NA	NA	NA
	Ceramic IR 5	6%	5%	5%	99.9%	63%	93%	95%	63%
	Ceramic IR 15	19%	5%	5%	99.8%	59%	78%	90%	61%
	Ceramic IR 25	31%	5%	5%	99.7%	57%	65%	90%	63%
	Ceramic IR 30	37%	6%	6%	99.9%	55%	58%	88%	62%
	Ceramic IR 35	45%	5%	6%	99.6%	52%	49%	85%	61%
	Ceramic IR 50	60%	7%	7%	99.6%	47%	32%	83%	60%
	Ceramic IR 70	78%	8%	8%	99.2%	41%	12%	78%	58%

* 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

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AIS

View the Article Information Sheet (AIS), document # 41-3283-3, for 3M Ceramic IR Series at 3M.com/SDS.

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