



Automotive Window Films

Product Specifications							
	Visible Light Transmitted	Total Solar Energy Rejected	Infrared Rejected*	UV Light Rejected	Visible Light Reflected	Glare Reduction	Solar Heat Reduction
3M™ Black Chrome Automotive Window Film							
Black Chrome 10	11%	70%	—	99%	26%	88%	64%
Black Chrome 20	17%	68%	—	99%	22%	81%	61%
Black Chrome 35	30%	57%	—	99%	14%	66%	47%
Black Chrome 40	41%	48%	—	99%	11%	54%	36%
3M™ FX-ST Automotive Window Film							
FX-ST 5	4%	45%	—	99%	6%	95%	33%
FX-ST 20	23%	39%	—	99%	6%	74%	26%
FX-ST 35	33%	36%	—	99%	6%	63%	21%
FX-ST 40	41%	34%	—	99%	6%	54%	19%
FX-ST 50	54%	30%	—	99%	6%	39%	14%
3M™ FX-HP Automotive Window Film							
FX-HP 5	3%	53%	—	99%	6%	97%	43%
FX-HP 15	14%	50%	—	99%	6%	84%	39%
FX-HP 20	23%	49%	—	99%	6%	74%	37%
FX-HP 30	31%	45%	—	99%	7%	65%	33%
FX-HP 35	41%	42%	—	99%	8%	54%	29%
FX-HP 50	49%	40%	—	99%	9%	45%	27%
3M™ Color Stable Automotive Window Film							
Color Stable 5	8%	58%	—	99%	6%	92%	49%
Color Stable 20	16%	52%	—	99%	6%	82%	41%
Color Stable 35	38%	39%	—	99%	7%	57%	26%
Color Stable 50	51%	37%	—	99%	8%	42%	18%
3M™ Crystalline Automotive Window Film							
Crystalline 40	39%	59%	97%	99.9%	7%	56%	50%
Crystalline 50	50%	56%	97%	99.9%	8%	43%	46%
Crystalline 60	61%	52%	97%	99.9%	9%	31%	41%
Crystalline 70	68%	50%	97%	99.9%	10%	23%	38%

*IR for wavelength range of 900–1000nm.

NOTE: The law on auto tint varies by state or province. Please check your state or province laws, or ask your dealer for films approved for use on vehicles.

Data provided is for a typical film on 6mm, single pane, clear glass using applicable industry test methods and standards.



Automotive Window Films

		Comfort/ Heat Rejection	Wireless Reception	Appearance/ Reflectivity	UV Rejection	Warranty	Fade Control	Glare Reduction
3M™ Black Chrome Automotive Window Film								
Black Chrome 10		★★★★★	★★	★★	★★★★★	★★★★★	★★★★★	★★★★★
Black Chrome 20		★★★★★	★★	★★	★★★★★	★★★★★	★★★★★	★★★★★
Black Chrome 35		★★★★★	★★	★★★★	★★★★★	★★★★★	★★★★	★★★★★
Black Chrome 40		★★★	★★	★★★★	★★★★★	★★★★★	★★★	★★★
3M™ FX-ST Automotive Window Film								
FX-ST 5		★★★★	★★★★★	★★★★★	★★★★★	★★	★★★★	★★★★★
FX-ST 20		★★★★	★★★★★	★★★★★	★★★★★	★★	★★★★	★★★★★
FX-ST 35		★★	★★★★★	★★★★★	★★★★★	★★	★★★★	★★★★★
FX-ST 40		★★	★★★★★	★★★★★	★★★★★	★★	★★★★	★★★
FX-ST 50		★★	★★★★★	★★★★★	★★★★★	★★	★★	★★
3M™ FX-HP Automotive Window Film								
FX-HP 5		★★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
FX-HP 15		★★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★★
FX-HP 20		★★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★★
FX-HP 30		★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★★
FX-HP 35		★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★
FX-HP 50		★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★
3M™ Color Stable Automotive Window Film								
Color Stable 5		★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Color Stable 20		★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★★
Color Stable 35		★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★
Color Stable 50		★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★
3M™ Crystalline Automotive Window Film								
Crystalline 40		★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★
Crystalline 50		★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★
Crystalline 60		★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★
Crystalline 70		★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★

Window Film Shade	5%	10%	15%	20%	30%	35%	40%	50%	60%	70%	100%	Best = ★★★★★
												Better = ★★★★
												Good = ★★★

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Shade chart is only for use in understanding light and darkness of various films.
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