

reflect heat,

not signals

Multilayer optical technology. Applied to keeping drivers calm, cool and connected.

3M Ultra-Clear Solar Film keeps the heat out, but not the signals.

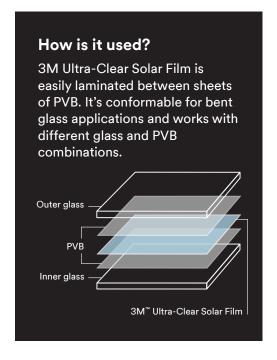
Because of its non-metallic construction, 3M Ultra-Clear Solar Film won't interfere with electronic device signals or alter the appearance of glass. But it will interfere with infrared heat from the sun. Cooler automotive interiors mean less AC usage, which can lead to better fuel efficiency, decreased emissions and increased comfort.



3M™ Ultra-Clear Solar Film

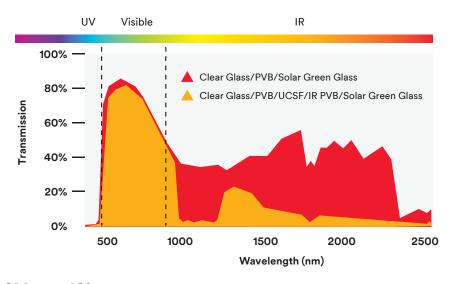
Using multilayer optical film technology, over 200 microlayers reflect infrared heat while allowing visible light to pass through. 3M Ultra-Clear Solar Film can be used in laminated windshields, sunroofs, sidelights and backlights to create comfortable automotive interiors. Its non-metallic construction means it won't interfere with electronic signals or corrode.

- ▶ Reflects infrared heat for improved comfort
- ▶ Non-metallic won't interfere with electronic signals
- ▶ Neutral color to maintain glass aesthetics
- ► Conformable for bent glass processing



Solar performance of laminated automotive glass

	Tvis	Rvis	Tsol	Rsol	Asol	Tts
Clear glass/Solar green glass	81.9%	8.4%	55.3%	6.5%	38.2%	0.668
with UCSF	79.7%	10.6%	47.1%	22.6%	30.3%	0.562
with UCSF and IR absorbing PVB	78.8%	10.0%	40.1%	21.3%	38.7%	0.518



Get connected at 3M.com/Glass.

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