




## PREMIUM BLACK

**PROTECTOR SHIELDS** Premium Black films combined advanced Nano ceramic coating technology with carbon elements that provides not only high heat insulation effect but also longer usage lifetime, stable color performance, driving sight is clear and peaceful, you do not need to fear the sun and signal interference while enjoying a comfortable and cool driving experience.

### FEATURES & BENEFITS:

- ★ High performance of heat insulation
- ★ No fading with carbon element
- ★ High Clarity
- ★ No Haze
- ★ Super UV rejection, 99% UV Rejection
- ★ Metal-free, not obstructing electronic signal, mobile phone, WIFI and Bluetooth
- ★ Reduce glare
- ★ No Oxidation & No Corrosion
- ★ Anti-Explosion, increase security, prevent harm from glass shatter
- ★ Improve comfort appearance and protect privacy

	OPTIC NANO CERAMIC								
	02	05	15	25	35	50	70	75	90
Thickness	2mil	2mil	2mil	2mil	2mil	2mil	2mil	2mil	2mil
VLT	2%	6%	16%	25%	36%	51%	68%	76%	87%
IR rejection	92%	95%	97%	96%	94%	96%	95%	94%	45%
VL rejection	9%	9%	7%	8%	8%	10%	9%	9%	9%
UV rejection	99%	99%	99%	99%	99%	99%	99%	99%	99%
TSER	73%	71%	69%	67%	65%	59%	52%	50%	20%
Warranty	LIFETERM	LIFETERM	LIFETERM	LIFETERM	LIFETERM	LIFETERM	LIFETERM	LIFETERM	LIFETERM
Roll size	60"x100'	60"x100'	60"x100'	60"x100'	60"x100'	60"x100'	60"x100'	60"x100'	60"x100'

All performance data gathered using a LAMBDA 1050+ UV/Vis/NIR Spectrophotometer with films applied to 1/8" (3mm) glass plates.. All values represented are with film applied on 1/8" (3mm) glass. Visible light and solar energy data are reported using EN 410 methodology & IR rejection data are reported at a singular wavelength, 1025nm. Product performance tolerances for visible light, solar energy, UV rejection and IR rejection values are +/- 3%. Product thickness values are nominal and for guidance only.

Further information can be found at [www.protector-shields.com](http://www.protector-shields.com)

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