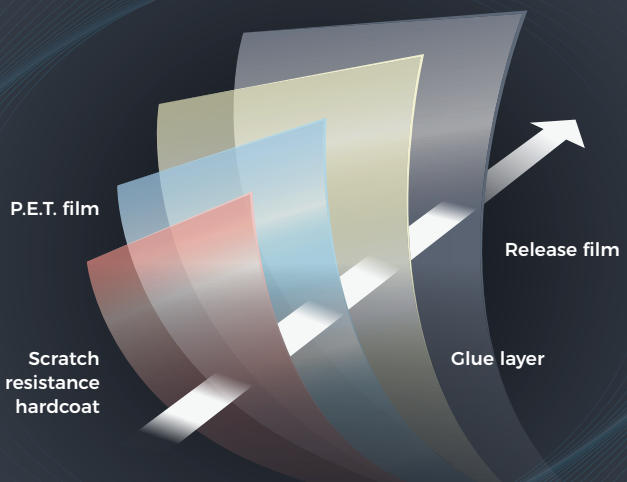
ARCARCO SIGNATURE

The Innovation for Life

Arcarco® top of the line window films are able to block excessive heat, increase privacy, provide UV protection and enhance security. It also enhances the comfort and appearance of your vehicle.In addition, they help protect fabric and leather interiors from sun fading and deterioration.

Arcarco® Signature window films are available for automotive, commercial and residential.



PLC technology polyester film structure diagram

Performance-Locked Technology

Nano-ceramic film

PLC Technology (Performance-Locked) is the next-level technology in window film design. It is formulated to have extreme durability to withstand fading and discolouration.

Our window film utilizes cutting-edge technology to embed nanoparticles into multiple layers of film, it contains no metallic particles, and any harmful substances which are bad for the health.

IWFA INTERNATIONAL WINDOW FILM ASSOCIATION

SYSTEM CERTIFICATION STANDARD SGS

GIL GUARDIAN INDEPENDENT CERTIFICATION UKAS QUALITY MANAGEMENT 045

ISO 9001:2008 CERT NO.: 689528

For more information please visit
www.arcarco.com

ARCARCO®

CR Series

PLC & INORGANIC

CR50 / HDC - 50C

PRODUCT SPECIFICATIONS

Test Items	Test Instrument	Standard	Unit	Standard value	Test Result By 2019.10.04
Thickness	MITUTOYO H0530 ABSLUTE Digimatic	GBT/29061	μm	69±2	67
Visible light transmission	PE950 Spectrometer	GB/T 2680	%	48±2	48.5
Visible light reflection internal	PE950 Spectrometer	GB/T 2680	%	6±2	6.3
Visible light reflection external	PE950 Spectrometer	GB/T 2680	%	6±2	6.6
Ultra-violet rejection	PE950 Spectrometer	GB/T 2680	%	≥99	99.7
Infra-red rejection	LinShang LS 162 Transmission Meter	950nm	%	76±2	75
		1,400nm	%	76±2	92
Total solar energy rejection	EDTM WP4500 Window Energy Profile	-	%	57±2	57
Haze	Haze - gard plus/dual AT-4727	ASTM D1003	%	2.0±0.5	2
Clarity	Haze - gard plus/dual AT-4727	ASTM D1003	%	99±1	99.6
Hardness	Durometer QHQ-A	ASTM D3363	H	≥2	3
Adhesive power	(FINAT TM 1, after 24h, glass)	ASTM D 903	N/25mm	≥4	6.4
Color				Neutral Black	
Technology				Solar Control	
Warranty	QUV Test	0.5w/m², 340nm, QUV - 1200h	-	5 years	
Adhesive				Pressure Sensitive Adhesive	

Note: Performance based upon ¼ clear glass

PRODUCT FEATURES

WINDOW FILM SERIES

- Performance Locked
- UV Protection
- Improve Safety & Security
- Glare Reduction
- Exceptional Heat Reduction
- HD Clarity

CR SERIES FEATURES

Inorgarnic Window Film, a non-metalized coating film is known for best-infrared rejection, comes with PLC technology that remains a high level of performance throughout years of usage.