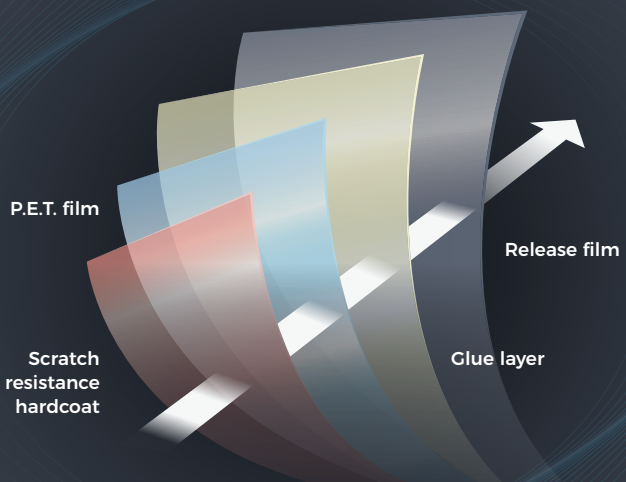
# ARCARCO SIGNATURE

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

ISO 9001:2008 CERT NO.: 689528

For more information please visit
www.arcarco.com

ARCARCO

# CR Series

## PLC & INORGANIC

# CR35 / HDC - 35C

## PRODUCT SPECIFICATIONS

| Test Items | Test Instrument | Standard | Unit | Standard value | Test Result By 2016.10.06 |
|---|---|---|---|---|---|
| Thickness | MITUTOYO H0530 ABSLUTE Digimatic | GBT/29061 | μm | 69±2 | 68 |
| Visible light transmission | PE950 Spectrometer | GB/T 2680 | % | 37±2 | 36.6 |
| Visible light reflection internal | PE950 Spectrometer | GB/T 2680 | % | 7±2 | 6.2 |
| Visible light reflection external | PE950 Spectrometer | GB/T 2680 | % | 7±2 | 5.8 |
| Ultra-violet rejection | PE950 Spectrometer | GB/T 2680 | % | 99.5±0.5 | 99.8 |
| Infra-red rejection | LinShang LS 162 Transmission Meter | 950nm | % | 78±2 | 78 |
| | | 1,400nm | % | 78±2 | 83 |
| Total solar energy rejection | EDTM WP4500 Window Energy Profile | - | % | 59±2 | 59 |
| Haze | Haze - gard plus/dual AT-4727 | ASTM D1003 | % | 2.0±0.5 | 2.4 |
| Clarity | Haze - gard plus/dual AT-4727 | ASTM D1003 | % | 99±1 | 99.6 |
| Hardness | Durometer QHQ-A | ASTM D3363 | H | 3±1 | 2 |
| Adhesive power | (FINAT TM 1, after 24h, glass) | ASTM D 903 | N/25mm | ≥4 | 6 |
| 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.**