



► **CAPABILITY: ANTI-REFLECTIVE FILMS**

Flexvue™ anti-reflective (AR) films offer industry leading performance, making them the clear choice for applications requiring superior optical performance. Developed in state-of-the-art facilities, AR products are available in both conductive and non-conductive versions that offer unmatched anti-reflective properties and a 3H surface hardness. AR products are produced to exacting standards making them the highest quality anti-reflective films with the greatest level of cross web and run-to-run consistency. Anti-smudge properties can be added to Flexvue AR coatings to help prevent fingerprinting and allow easy cleaning.

► **TYPICAL APPLICATIONS**

- Touch Screens / Pen Entry
- Smart Windows
- Electronic Displays (LCD, EP, PDP, OLED)
- Energy Solutions
- Medical
- Optical Enhancement

► **SERVICES**

Custom conductive and non-conductive anti-reflective coatings are available upon request.

	CARC6AS	CARC7AS	NCARC6AS	NCARC7AS
Surface Visible Light Reflection	0.65%	0.65%	0.65%	0.65%
Transmission	94%	94%	94%	94%
Haze	0.8%	7.0%	0.5%	7.0%
Color Reflectance (x)	0.30	0.28	0.35	0.35
Reflectance (y)	0.24	0.20	0.28	0.25
Color B*	1.82	3.62	1.63	1.13
Resistance*	<500 ohm	<500 ohm	N/A	N/A
Hard Coat	3H, Clear	3H, Anti-glare	3H, Clear	3H, Anti-glare

- **Substrate Thickness** 7 mil (175 microns)
- **Slitting**..... 3” to 72” trimmed**
- **Wind**..... Anti-reflective side in or out: 3” or 6” paper or plastic cores
- **Roll Dimensions** Widths 24” to 72”; max. O.D.: 30”

► **MATERIALS**

Flexvue produces AR products using a variety of film bases to meet our customer's specific requirements. Available substrates include:

- Optical Grade Polyester (PET)
- Polyethylene Napthalate (PEN)
- Polycarbonate (PC)
- Cellulos Triacetate (TAC)

Additional specialty substrates such as low birefringence, UV absorbing, and a wide variety of hard coat options are available upon request.

* Nominal resistance using 4 point probe

** Full range of slitting option not available with all AR products.

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