

# ITO Coated Glass Plates

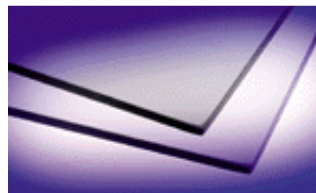
## Indium Tin Oxide (ITO) Coated Glass Plates

### *High Quality with Highly Transparent Coatings .....*

ITO coated polished glass plates are high quality, low defect, and transparent, conductive Indium-Tin-Oxide coated plates with superior physical properties.

**Features:**

- **High transmission (75-80%)**
- **Low defect densities**
- **Low ohmic values**
- **Highly transparent, conductive coating**
- **LCD and OLED applications**



**List of ITO coated Glass Plates available**

Substrate	Size	Sheet Resistance	Remarks
<b>Corning 1737/Eagle XG *</b> (Alkaline Earth Boro-Aluminosilicate)	14" x 14" x 0.043" (1.1mm)	7-10 ohm/sq Transmission: ≥77%	ITO coating thickness 1500-2000A°
<b>Corning 1737/Eagle XG *</b> (Alkaline Earth Boro-Aluminosilicate)	14" x 14" x 0.043" (1.1mm)	9-15 ohm/sq Transmission: ≥78%	ITO coating thickness 1200-1600A°
<b>Corning 1737/Eagle XG *</b> (Alkaline Earth Boro-Aluminosilicate)	14" x 14" x 0.043" (1.1mm)	12-20 ohm/sq Transmission: ≥78%	ITO coating thickness 800-1200A°
<b>Soda Lime Float Glass</b> Polished one surface (coating side)	14" x 14" x 0.043" (1.1mm)	~ 9-15 ohm/sq Transmission: ≥78%	~200A° SiO <sub>2</sub> coating barrier layer under ITO ITO coating thickness 1200-1600A°
* Flatness of Corning Plates: 3.5μ over 25mm max (optical flat) - Max recommended working Temperature: 300°C			

**Handling, Cleaning, and Storage Guidelines:**

**Handling:** Clean lint free gloves should be worn, and plates should be held by the edges only. Direct static or sliding contact between plates must be avoided.

**Cleaning:** Washing with a mild detergent followed by sufficient rinsing in DI-water is recommended. Water flow in one direction and the movement of glass in the opposite direction is suggested. Other methods may be used depending upon the application. Use hot air for drying.

**Storage:** Recommending temperature of 5-25°C with humidity less than 60%.

**Related Literature:** Corning Glass 1737, and 7059 Properties  
([www.vinkarola.com/TechnicalInformation](http://www.vinkarola.com/TechnicalInformation))

P.O. Box 922273  
Norcross, GA 30010-2273  
Tel: 770/409-1499  
Fax: 770/447-8045  
e-mail: [info@vinkarola.com](mailto:info@vinkarola.com)



**VIN KAROLA INSTRUMENTS**

Vin Karola reserves the right to make changes in Design, and specifications without notice or obligation.  
© Vin Karola Instruments, 2002-2010