

ITO Coated Glass Plates

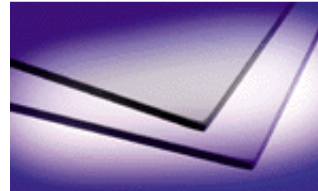
Indium Tin Oxide (ITO) Coated Glass Plates

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
Corning 1737/Eagle XG * (Alkaline Earth Boro-Aluminosilicate)	14" x 14" x 0.043" (1.1mm)	7-10 ohm/sq Transmission: ≥77%	ITO coating thickness 1500-2000A°
Corning 1737/Eagle XG * (Alkaline Earth Boro-Aluminosilicate)	14" x 14" x 0.043" (1.1mm)	9-15 ohm/sq Transmission: ≥78%	ITO coating thickness 1200-1600A°
Corning 1737/Eagle XG * (Alkaline Earth Boro-Aluminosilicate)	14" x 14" x 0.043" (1.1mm)	12-20 ohm/sq Transmission: ≥78%	ITO coating thickness 800-1200A°
Soda Lime Float Glass Polished one surface (coating side)	14" x 14" x 0.043" (1.1mm)	~ 9-15 ohm/sq Transmission: ≥78%	~200A° SiO ₂ 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)

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



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