

ITO COATED GLASS

Precision Glass and Optics
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Description:

ITO (Indium tin oxide) coated glass provides a conductive surface on one side of the glass while still retaining much of its transmission properties. Available resistances are less than 10, 20, 50 & 100 ohms per square.

Available Materials & Thicknesses:

.7 mm float glass	1.1 mm float glass
.7 mm 1737	1.1 mm 1737

Properties:

Transmission: (at normal incidence)

<100 ohms/square

400-500 nm	84.02% avg.
500-600 nm	89.12% avg.
600-700 nm	91.72% avg.

<20 ohms/square

400-500 nm	78.57% avg.
500-600 nm	85.96% avg.
600-700 nm	92.72% avg.

<50 ohms/square

400-500 nm	79.05% avg.
500-600 nm	83.63% avg.
600-700 nm	87.05% avg.

<10 ohms/square

400-500 nm	77.48% avg.
500-600 nm	85.44% avg.
600-700 nm	79.27% avg.

Applications:

Flat panel and electroluminescent displays, touch screens, emf shielding and de-icing apparatus.

Flatness, parallelism, cutting tolerances, roughness, cosmetic defects and visual inspection all conform to the specifications to be agreed upon by Precision Glass & Optics and the customer.