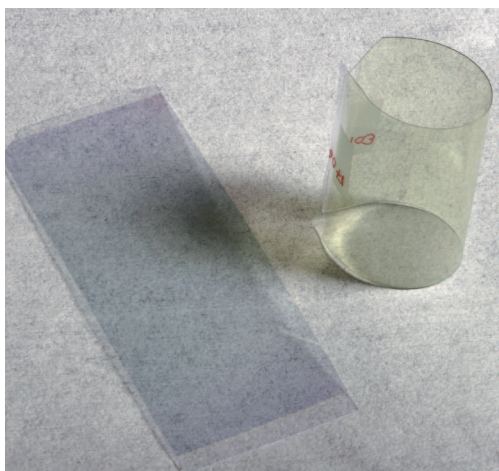


Indium Tin Oxide (ITO) Thin Film Data Sheet



- Electrically conductive and optically transparent
- Excellent transmission of visible and near infra red light
- Low surface roughness
- Uniform sheet resistance
- Uniform Visible Light Transmission (VLT)
- Reflecting in the infrared range

BUY "OFF THE SHELF" ITO
PRODUCT SOLD IN BATCHES OF 10
FROM £6.99 A SLIDE (3"x 1")

[View Cart](#)



The transparent conducting material indium tin oxide is deposited using the proprietary Plasma Quest Ltd (PQL) large area sputter deposition technology. The material possesses exceptional optical and electrical properties for both ambient and high temperature processes. PQL supply off the shelf ITO coated glass substrates for research and development, as well as a custom coating process for customers own substrates including glass, silicon wafers and numerous plastics¹.

Low Temperature (PEN Compatible) Process (Contact us for ITO onto plastic substrates)

Product Code	Sheet Resistance (Ω/)	VLT (Film + Substrate ²)	Thickness (nm)	
ITO-07	15 - 20	~ 85 %	200 - 220	Add to Cart
ITO-08	20 - 25	~ 85 %	170 - 200	Add to Cart
ITO-09	25 - 30	~ 85 %	135 - 170	Add to Cart

Mid Temperature (200°C) Process

Product Code	Sheet Resistance (Ω/)	VLT (Film & Substrate ²)	Thickness (nm)	
ITO-04	< 10	~ 85 %	220 - 240	Add to Cart
ITO-05	10 - 15	~ 85 %	170 - 220	Add to Cart
ITO-06	15 - 20	~ 85 %	150 - 170	Add to Cart

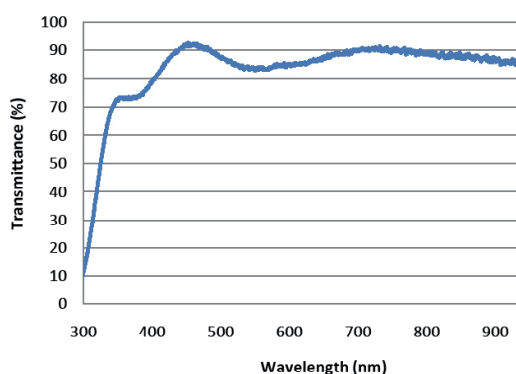
High Temperature (300°C) process

Product Code	Sheet Resistance (Ω/)	VLT (Film & Substrate ²)	Thickness (nm)	
ITO-01				Add to Cart
ITO-02	Data soon to	be released		Add to Cart
ITO-03				Add to Cart

¹ PEN and PET substrates are only compatible with the ambient process.

² 3" x 1" Soda lime glass slide substrates used for all quoted run conditions

Transmission for ITO deposited
 at 200°C plus glass substrate
 Rs = 10 Ω/ (220nm)



For more information, please contact Plasma Quest Limited

Unit 1B Rose Estate, Osborn Way, Hook, Hants, RG27 9UT

Tel: +44 (0) 1256 740680

sales@plasmaquest.co.uk

www.plasmaquest.co.uk