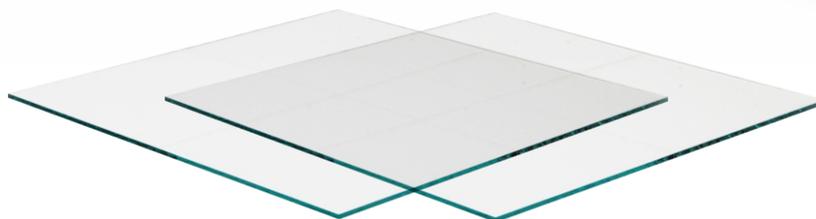
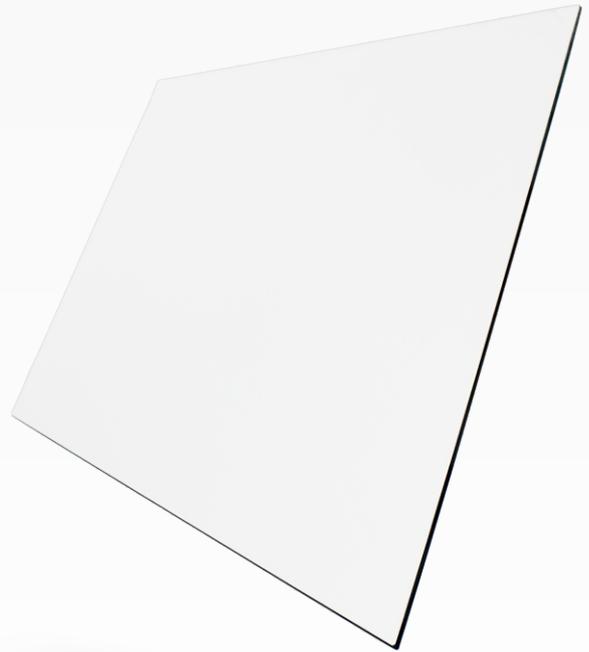


# AZO

Aluminium Doped Zinc Oxide  
Coated Glass

AZO



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# Aluminium Doped Zinc Oxide

# AZO

## Coated Glass

AZO (Aluminium Doped Zinc Oxide) films have become technologically important because of their wide range of electrical and optical properties, besides its high chemical & mechanical stability. AZO (Aluminium Doped Zinc Oxide) is amongst the best and most preferred transparent conductive oxide materials owing to its superior optical and electrical properties. Use of AZO-coated glasses is on the rise as the transparent conductive substrate is used in applications like the thin-film solar cell, OLED, electrochromic glass etc. They are used in a wide range of applications like flat panel display electrodes and gas sensors etc. Al doped ZnO (AZO) is considered as a promising candidate for transparent conductive oxide (TCO) due to its good optoelectronics properties. As transparent conductive oxide having low resistivity, high optical transmittance in visible wavelength range, it has wide application in optoelectronic devices.

## Technical Specification

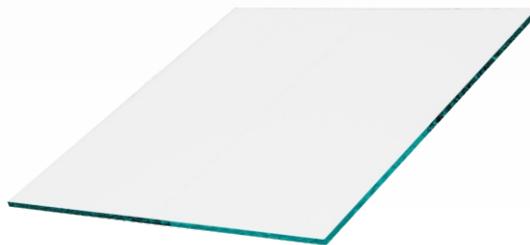
### AZO Coated Glass

Stock No	:	NS6130-10-1252
Length	:	14"
Width	:	16"
Thickness	:	3.2mm
Resistance	:	< 10Ω/sq
Transmittance	:	81.93-82.43%



### AZO Glass Aluminum doped Zinc Oxide

Stock No	:	NS6130-10-1253
Length	:	150mm
Width	:	100mm
Thickness	:	2mm
Resistance	:	< 10Ω/sq
Transmittance	:	81.93-82.43%



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NEXT

# Properties of (AZO) coated glass

# AZO

The key properties of ITO coated glass are as follows:

- ⇒ Highly transparent coatings
- ⇒ Good opto-electronics properties
- ⇒ Low resistivity
- ⇒ high optical transmittance in visible wavelength range
- ⇒ Low microroughness
- ⇒ Reflective for infrared wavelengths
- ⇒ Excellent abrasion resistance and coating adhesion
- ⇒ Wide range of electrical and optical
- ⇒ Structuring by laser or etching processes possible

## Applications

- ⇒ It used in the solar cell making and other touchscreen applications
- ⇒ AZO-coated microscope slides for science and research
- ⇒ Optoelectronic devices.
- ⇒ Flat panel display electrodes and gas sensors etc.
- ⇒ Circuit substrates for electronics
- ⇒ Conductive coatings for transparent electrodes
- ⇒ LCD electrodes, electro-magnetic compatibility (RF-EMI shielding) coatings
- ⇒ Static discharge dissipation, and IR windows
- ⇒ Replacement for ITO for all applications
- ⇒ Transparent electrode for solar cells
- ⇒ Flat panel displays

## Packing Quantity

1 Piece, 2 Piece, 5 Piece, 10 Piece, & Bulk Orders



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