

ISTN

<http://www.istninc.com>

UV FOGuard® – UV Curable Anti-Fog Coating

Product Description

ISTN's UV curable Anti-Fog Coating – UV FOGuard® – is an UV curable, highly crosslinked polymer coating system containing both hydrophobic and hydrophilic nanodomains. Surfaces coated with UV FOGuard® are capable of spreading and absorbing water, thus preventing fog formation on a variety of optical substrates. This nanocomposite coating has excellent durability and endurance while maintaining superior anti-fog and mechanical properties.

This UV curable coating also offers other advantages such as higher productivity, energy savings, and lowered capital investments for curing facilities. UV FOGuard® can easily be applied onto many plastic optical substrates such as PET, TAC, PC, PMMA, and CAB.

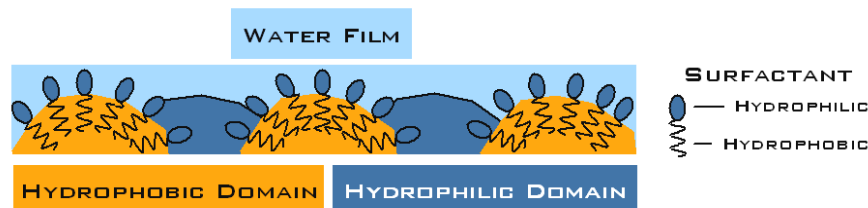
Product Features

- **Permanent Anti-Fog Coating Treatment** for Plastic Substrates
- **Washable Coating** with Good Chemical Resistance
- **Good Scratch Resistance, Mechanical Integrity, and Impact Resistance**
- **Simple Wet Chemical Application Methods and Fast Curing Process** for Maximum Processing Yields
- **Long Coating Solution Shelf Life** with Stable Chemical and Physical Properties

Product Applications

- **Commercial Freezer Doors**
- **Industrial Sports and Safety Glasses or Visors**
- **Electronics Protection Covers**
- **Advertisement Signage**
- **Storefront Windows**
- **Specialty Windows**

ISTN ANTI-FOG COATING DESIGN CONCEPT ILLUSTRATION



Please contact ISTN, Inc. directly for additional information regarding this product.

ISTN Contact Information

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