

Technical Data Sheet

Vistex® 175 Anti-Fog Film

DESCRIPTION

Anti-Fog coated polyester film, designed to be a multiple use anti-fog film for inexpensive facemasks and visors. Available in three thicknesses (2, 4 and 7 mil). Can be soaked in water repeatedly without losing anti-fog properties.

FEATURES

- Permanent Anti-Fog Protection
- Optical clarity
- Hydrophilic
- Designed for Roll-to-Roll Application

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20200702_175 Film

FILM PROPERTIES

PROPERTY	TYPICAL VALUES
Thickness	2, 4 or 7 mil
Appearance	Clear and colorless
Visible Light Transmission	90%
Tear Strength (initial)	
2 mil	1.9 kg (4.2 lbs)
4 mil	3.8 kg (8.4 lbs)
7 mil	5.1 kg (11.2 lbs)
Anti-fog (TM-153)	Pass

ANTI-FOG PROPERTIES

Vistex 175 Film is hydrophilic which causes condensation to spread as a clear layer, rather than form droplets which appear as fog. Although it absorbs moisture, the coating does not dissolve in water, so it will not smudge when wet. It prevents or reduces fogging under all temperature/humidity conditions, even after extended immersion in water or repeated cleanings. Where scratch resistance is critical please contact an FSICT representative for information on Visgard® products.

CARE AND STORAGE INSTRUCTIONS

Treated surfaces may be cleaned with an ammonia-free glass cleaner and a sponge, tissue or paper towel. Cleaners containing alcohol may be used but the alcohol content should be <30%. Do not use cleaners which contain moisturizers, abrasives, strong acids, or caustic substances. Remove any oily contamination with a grease cutting cleaner. Vistex film should be stored in an environmentally controlled area with relative humidity of less than 60%.

It is recommended to store Vistex 175 Film indoors (5 - 30°C/<60%R.H.), out of direct sunlight and in its original packaging.

WARRANTY AND LIABILITY LIMITATIONS

Typical lead-time for shipment of Vistex 175 Film is six to eight (6 - 8) weeks from confirmation of a purchase order. FSI provides several shipping options. Please contact an FSI representative to determine which option best fits your needs.

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