

4FOG Antifog Film



PRODUCT BULLETIN

Description

Hostaphan® 4FOG is an ultra clear polyester film that is chemically primed on both sides to eliminate fogging. It combines high strength and durability, optical clarity and balanced shrinkage.

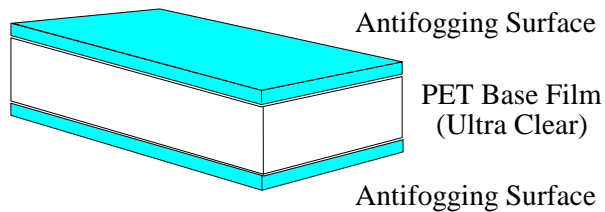
Performance

Hostaphan® 4FOG is designed for markets requiring glass-like clarity and fog elimination. The chemical treatment also provides the slip necessary to handle and wind an unfilled film. 4FOG is used in face shield applications.

Benefits

- Eliminates fogging
- Excellent color and clarity

Schematic of Hostaphan® 4FOG



Special Warning

Hostaphan® 4FOG is an antifog polyester film intended for use in the manufacture of face shields that resist non-corrosive fluids (e.g. bodily fluids) as in the medical and dental face shield applications. This film is not intended for use in the manufacture of impact resistant or industrial chemical face shields or goggles, except as an antifog adjunct to the primary barrier layer, as it does not confer significant impact or corrosion resistance.

Typical Properties of Hostaphan® 4FOG Film

The Hostaphan® 4FOG property values below are typical measurements. Further guidance on series selection, functional behavior by end use, film processing, standard roll configuration and gauges is available through a Mitsubishi Polyester Film Sales Representative. The following values are not binding specifications and may vary.

Property		Unit of Measure	Typical Value	Test Method
Area Yield		in ² •mil/lb m ² •µm/kg	19,800 717	ASTM D 4321
Tensile Strength	MD	psi kg/cm ²	30,000 2,110	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm ²	15,000 1,050	ASTM D 882
Ultimate Elongation	MD	%	150	ASTM D 882
Modulus	MD	psi kg/cm ²	500,000 35,200	ASTM D 882
Coefficient of Friction (A/B)	Kinetic	--	0.40	ASTM D 1894
Shrinkage	MD TD	%	1.0 1.0	30 min. at 150°C
Density		g/cm ³	1.395	ASTM D 1505

Approved JT - 5/10



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