

Mitsubishi Chemical America, Inc.

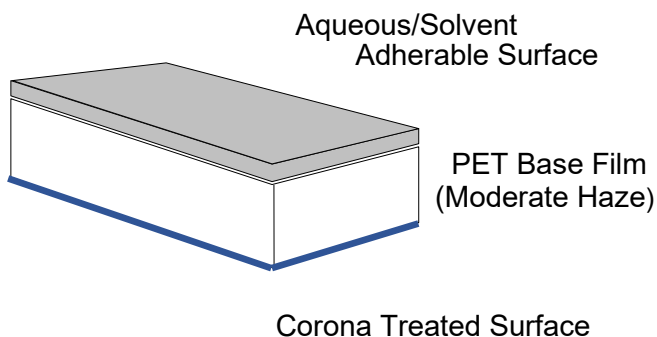
Description

Hostaphan® 26CTN polyester film is chemically primed on one side for enhanced adhesion and corona treated on the opposite side to enhance wettability. This film combines high strength and flexibility, good dimensional stability, and excellent chemical resistance.

Performance

Hostaphan® 26CTN has excellent slip and good dimensional stability over a wide temperature range. The primed and corona treated surface provides enhanced adhesion to both aqueous and solvent based inks, coatings, adhesives and metallization. 26CTN can be coated or metallized to enhance barrier properties. This product is designed specifically for use in packaging applications. Hostaphan® 26CTN is not recommended for applications subject to severe retort conditions.

Schematic of Hostaphan® 26CTN



Benefits

- Chemically treated side provides enhanced adhesion of both aqueous and solvent based inks, coatings and adhesives
- Significantly improved metal adhesion
- High surface energy provides excellent wet out for a variety of inks, coatings, and adhesives
- Most inks, barrier coatings, adhesives and metallization may be applied to the chemically primed side without additional priming or corona treatment.
- Corona treatment provides surface wettability of 52 dynes or greater
- Excellent handling characteristics

FDA Status

The plain side of Hostaphan® 26CTN can be used for direct food contact applications subject to limitations found in 21 CFR 177.1630 and in accordance with good manufacturing practices. The chemically primed surface of 26CTN can be used in direct contact with dry and fatty foods and with aqueous foods under low temperature conditions. Please contact a Polyester Film Sales Representative for more information.

Typical Properties of Hostaphan® 26CTN Film

The Hostaphan® 26CTN 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 Polyester Film Sales Representative.

Property		Unit of Measure		Typical Value	Test Method
Area Yield		in ² •mil/lb m ² •µm/kg	48 gauge	19,800 717	ASTM D 4321
Tensile Strength	MD	psi kg/cm ²		32,000 2,250	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm ²		15,000 1,050	ASTM D 882
Ultimate Elongation	MD	%		100	ASTM D 882
Modulus	MD	psi kg/cm ²		600,000 42,200	ASTM D 882
Coefficient of Friction A/B	Static	--		0.40	ASTM D 1894
	Kinetic			0.37	
Shrinkage	MD	%		1.5	30 min. at 150°C
	TD			0.4	
Surface Tension (corona treated side)		dynes		52	ASTM D 2578
Tear Strength	MD	g/mil g/µm		20 0.8	ASTM D 1922
Moisture Vapor Transmission Rate		g /100 in ² •24 hr g /m ² •24 hr	48 gauge	3.7	ASTM E 96 , E
				57	
Oxygen Transmission Rate		cc /100 in ² •24 hr•atm cc /m ² •24hr•atm	48 gauge	9.1	ASTM D 3985
				141	
Density		g/cm ³		1.395	ASTM D 1505
Total Haze*		%	48 gauge	2.7	ASTM D-1003
			75 “	5.1	
			92 “	6.2	

* Values for reference data only. Contact a Polyester Film Sales Representative for actual gauges available.

Approved AP 11/2018

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