

26HUVN UV Protected Film



PRODUCT BULLETIN

Description

Hostaphan® 26HUVN is polyester film is chemically primed on one side for enhanced adhesion. The other side is a co-ex layer with high COF and UV protection. The film combines high strength and flexibility, good dimensional stability and excellent chemical resistance.

Performance

Hostaphan® 26HUVN film has good dimensional stability over a wide temperature range. The primed surface provides enhanced adhesion to solvent based inks, coatings, and adhesives, as well as vacuum deposited metal. 26HUVN can be coated or metallized to enhance barrier properties.

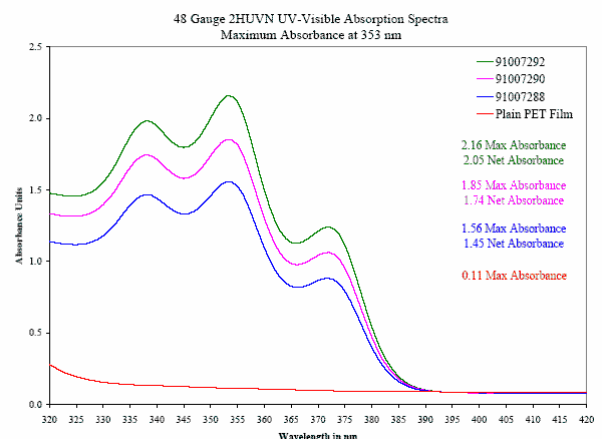
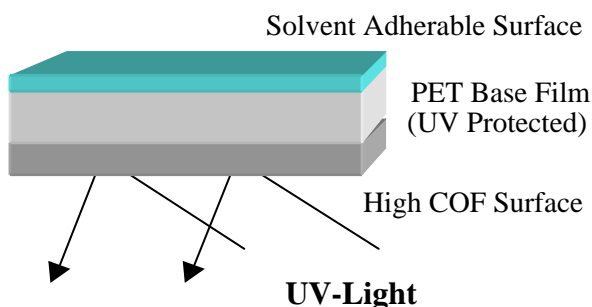
FDA Status

The untreated side of Hostaphan® 26HUVN 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 26HUVN can be used in direct contact with dry and fatty foods and with aqueous foods under low temperature conditions. Contact your Mitsubishi Polyester Film Sales Representative for more information.

Benefits

- UV protection
- High COF
- Available in 48 gauge
- Most inks, barrier coatings, adhesives and metallization may be applied to the chemically primed side without additional priming or corona treatment.
- Excellent handling characteristics

Schematic of Hostaphan® 26HUVN



Typical Properties of Hostaphan® 26HUVN Films

The Hostaphan® 26HUVN 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.

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	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 B/B	Kinetic	--	>0.60	ASTM D 1894
Shrinkage	MD TD	%	1.5 0.4	30 min. at 150°C
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 57	ASTM E 96 , E
Oxygen Transmission Rate		cc /100 in ² •24 hr•atm cc /m ² •24hr•atm	48 gauge 9.1 141	ASTM D 3985
Density		g/cm ³	1.395	ASTM D 1505
Total Haze*		%	48 gauge 3.0	ASTM D-1003

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

Approved ZL - 7/09



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