



## Description

Hostaphan® 26UVN is a polyester film that provides UV protection. It is chemically primed on one side for enhanced adhesion. It combines high strength and flexibility, good dimensional stability and excellent chemical resistance.

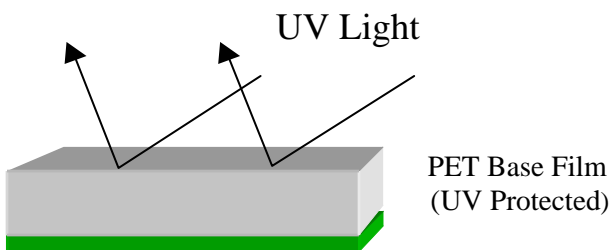
## Performance

Hostaphan® 26UVN has excellent slip and 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. 26UVN can be coated or metallized to enhance barrier properties.

## FDA Status

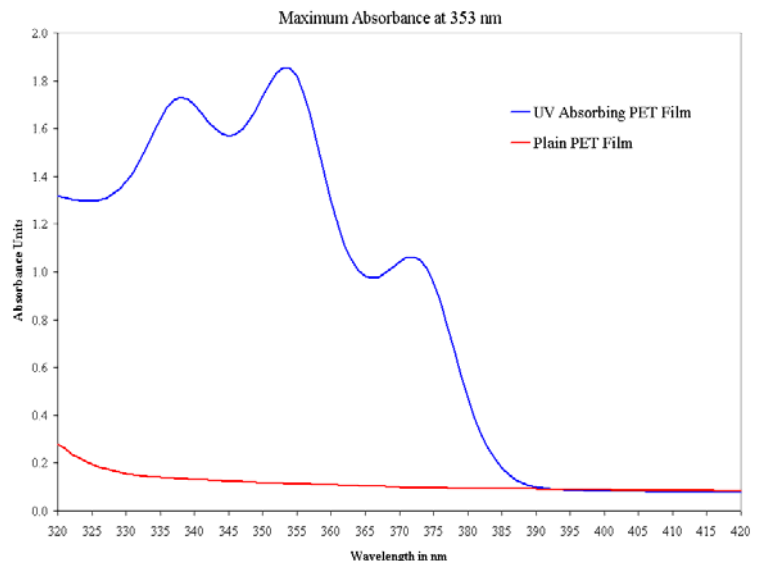
The untreated side of Hostaphan® 26UVN can be used for direct food contact applications subject to limitations found in 21 CFR 177.1630. The chemically primed surface of 26UVN can be used in direct contact with dry and fatty foods and with aqueous foods under low temperature conditions. Contact your Mitsubishi Polyester Film Sales Representative for more information.

## Schematic of Hostaphan® 26UVN



Copolyester Adherable Surface

- UV protection – protects ink in reverse print application
- One side primed for adhesion
- Most inks, barrier coatings, adhesives and metallization may be applied to the chemically primed side without additional priming or corona treatment
- Excellent handling characteristics
- Standard gauge: 48



## Benefits

## Typical Properties of Hostaphan® 26UVN Film

The Hostaphan® 26UVN 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                       | 48 ga.            | in <sup>2</sup> •mil/lb<br>m <sup>2</sup> •µm/kg                   |             | 19,800<br>717     | ASTM D 4321                   |
| Tensile Strength                 | MD                | psi<br>kg/cm <sup>2</sup>  |             | 32,000<br>2,250   | ASTM D 882                    |
| Yield Strength (F5)              | MD                | psi<br>kg/cm <sup>2</sup>  |             | 15,000<br>1,050   | ASTM D 882                    |
| Ultimate Elongation              | MD                | %  |             | 100               | ASTM D 882                    |
| Modulus                          | MD                | psi<br>kg/cm <sup>2</sup>  |             | 600,000<br>42,200 | ASTM D 882                    |
| Coefficient of Friction A/B      | Static<br>Kinetic | --   |             | 0.40<br>0.37      | ASTM D 1894                   |
| Shrinkage                        | MD<br>TD          | %  |             | 2.5<br>0.8        | 30 min. at 150°C              |
| Tear Strength                    | MD                | g/mil<br>g/µm  |             | 20<br>0.8         | ASTM D 1922                   |
| Moisture Vapor Transmission Rate |                   | g /100 in <sup>2</sup> •24 hr<br>g /m <sup>2</sup> •24 hr          | 48 ga.      | 3.7<br>57         | ASTM E 96                     |
| Oxygen Transmission Rate         |                   | cc /100 in <sup>2</sup> •24 hr•atm<br>cc /m <sup>2</sup> •24hr•atm | 48 ga.      | 9.1<br>141        | ASTM D 3985                   |
| Density                          |                   | g/cm <sup>3</sup>  |             | 1.395             | ASTM D 1505                   |
| Total Haze*                      |                   | %  | 48 ga.      | 2.7               | ASTM D-1003                   |
| Surface Energy                   |                   |  | coated side | approx. 50        | Internal test (contact angle) |

\* Values for reference data only. Contact a Mitsubishi Polyester Film Sales Representative for actual gauges available.  
Approved JR 12/08



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