

Mitsubishi Chemical America, Inc.

## Description

Hostaphan® WDI3 is a white opaque polyester film, two side chemically primed for enhanced adhesion for toners. It is characterized by high mechanical strength, good printability, and minimum static.

## Performance

Hostaphan® WDI3 film is designed for markets requiring whiteness and opacity. The chemical primer provides enhanced adhesion to toner systems. This product is suitable for direct use in Xeikon printer for digital printing.

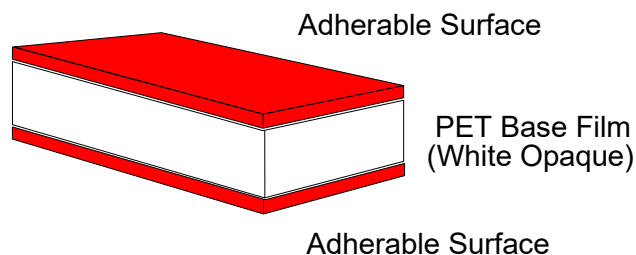
## Restrictions - USA

Hostaphan® W Series films are not recommended for use with light sensitive coatings such as those containing silver halides, diazos or photopolymers without appropriate testing.

## Benefits

- Two side chemically primed
- Whiteness and opacity
- High mechanical strength
- Enhanced adhesion to dry toner for Xeikon printer
- Excellent flatness
- Excellent digital printability
- No dust with minimum static

## Schematic of Hostaphan® WDI3



## Typical Properties of Hostaphan® WDI3 Film

The Hostaphan® WDI3 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	
Tensile Strength	MD	psi N/mm <sup>2</sup>	21,000 150	ASTM D 882	
	TD	psi N/mm <sup>2</sup>	31,000 240		
Yield Strength (F5)	MD	psi N/mm <sup>2</sup>	13,000 90	ASTM D 882	
	TD	psi N/mm <sup>2</sup>	15,200 105		
Ultimate Elongation	MD	%	160	ASTM D 882	
	TD		90		
Shrinkage	MD	%	1.0	DIN 40634 30 min. at 150°C	
	TD		0.4		
Density		g/cm <sup>3</sup>	1.42	ASTM D 1505	
Transmission		%	700 gauge	7.6	ASTM D 1003
			650 "	8.2	
			500 "	10.5	
			400 "	13.2	
			350 "	15.2	
			300 "	17.6	
			200 "	19.8	
Opacity		%	700 gauge	98.2	ASTM D 1003
			650 "	97.9	
			500 "	97.1	
			400 "	95.5	
			350 "	94.4	
			300 "	92.8	
			200 "	91.0	

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

Approved KY 8/2014

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