



Description

Hostaphan® WSAC is a white opaque polyester film that is chemically treated to provide enhanced adhesion for silicone coatings. It combines high strength and durability, good dimensional stability and excellent chemical resistance.

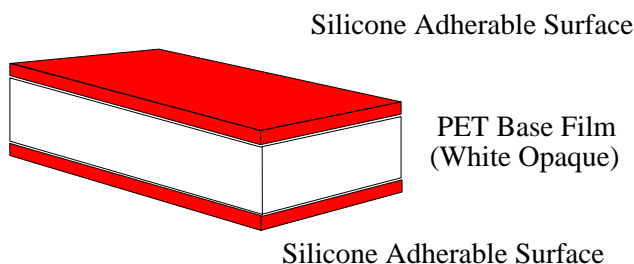
Performance

Hostaphan® WSAC film has been extensively evaluated by several silicone manufacturers and found to provide excellent results with all types of silicone systems. Solvent, solventless and emulsion systems from Dow Corning, GE Silicones, Wacker and Rhodia were evaluated using thermal, UV and E-beam curing methods with standard industry testing for rub-off, smear and migration. The silicone coatings were tested by various manufacturers, including Mitsubishi Polyester Film, and have demonstrated a significant improvement in anchorage performance.

Benefits

- Improves silicone adhesion
- Minimizes silicone rub-off
- Eliminates the need for priming or corona treatment
- Possesses a 50 - 55 dyne/cm surface energy
- Provides a more consistent release level with aging
- Good handling characteristics

Schematic of Hostaphan® WSAC



Typical Properties of Hostaphan® WSAC Film

The Hostaphan® WSAC 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	
Tensile Strength	MD	psi N/mm ²	21,000 150	ASTM D 882	
	TD	psi N/mm ²	31,000 240		
Yield Strength (F5)	MD	psi N/mm ²	13,000 90	ASTM D 882	
	TD	psi N/mm ²	15,200 105		
Ultimate Elongation	MD	%	160	ASTM D 882	
	TD		90		
Shrinkage	MD	%	1.0	DIN 40634 15 min. at 150°C	
	TD		1.0		
Density		g/cm ³	1.42	ASTM D 1505	
%Transmission		%	200 ga. 500	20.0 6.5	ASTM D 1003
Luminance (L*)		-	200 ga. 500	95 96	DIN 5033
Yellowness Index		-	200 ga 500	-13.0 -11.7	ASTM D 1925
Gloss		-		52	DIN 67530 Angle of measure 20°
Opacity			200 ga. 500	90 98	

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

Approved KT 2/09



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