

# LABEL FACE FILMS

## Printable Topcoated Polyester Films for VIP

### Item number:

**K05019**

### Description:

White 50 micron (2 mil) polyester film with matte topcoat for excellent ink and toner adhesion and durability. Suitable for industrial and pharmaceutical applications, with high solvent resistance, impervious to most petroleum base solvents, alkalis and mild acids.

### Suitable for printing with:

- Laser
- Thermal transfer (subject to ribbon compatibility)
- Xeikon™
- All conventional printing processes

### Applications:

- Labels that need to withstand exposure to water, steam, oil or chemicals.
- Labels with high-resolution barcodes – variable information added by end user.

### Product Specifications:

PROPERTY	TEST METHOD	K05019	
Appearance		Matte white	
Thickness	-	<b>55 ± 2</b> <b>2.2</b>	[micron] [mil]
Area Yield	-	<b>13</b> <b>9</b>	[m <sup>2</sup> /kg] [msi/lb]
Tensile Strength	ASTM D-882	MD <b>17 ± 4</b> <b>24100 ± 5600</b>	TD <b>18 ± 4 [Kgf/mm<sup>2</sup>]</b> <b>25600 ± 5600 [psi]</b>
Elongation at Break	ASTM D-882	MD <b>120 ± 40</b>	TD <b>100 ± 40 [%]</b>
Shrinkage	After 30 minutes at 150 °C	MD <b>1.0 ± 1.0</b>	TD <b>0.5 ± 0.5 [%]</b>



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### Chemical Resistance:

The chemical resistance of the primer remained unaffected when tested under the following conditions:

Antifreeze	24 h
Distilled water at 32°C (90° F)	150 h
Water with 2% detergent at 65°C (150°F)	24 h
Lubricating oil at 23°C (75°F)	24 h
Benzene at 23°C (75°F)	24 h
Ethanol at 23°C (75°F)	24 h
10 % Hydrochloric acid	10 min
10 % ammonium hydroxide	10 min
Scrubbing with cotton cloth soaked in: gasoline, MEK, ethanol	

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