

Digilyte™ 50MD580

Oriented Polypropylene Film

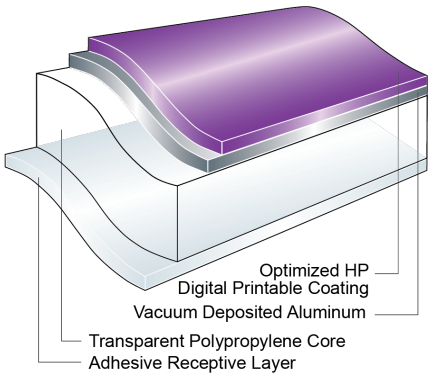


Product Description

Digilyte™ 50MD580 is a metallized, surface printable OPP film designed for pressure sensitive applications where high-sheen metallized appearance is desired. The proprietary top-coated metal print surface is designed for scratch resistance and for excellent print on HP Indigo Dygital presses.

Key Features

- Pre-optimized coating for HP Indigo Digital presses
- High sheen metal appearance
- HP Indigo approved ‘3 stars’ coating
- Scratch resistant on metal side
- Excellent Indigo electro inks adhesion
- Food contact approved



General

Availability

- ✓ Africa & Middle East
- ✓ Asia Pacific
- ✓ Europe

Features

- ✓ ElectroInk Receptive Coated

Applications

- ✓ Labels, Self-Adhesive

Uses

- ✓ Pressure Sensitive Labels

Appearance

- ✓ Metallized - Clear

Processing Method

- ✓ Digital Offset (HP Indigo) Printing

Properties

Property	Typical Value	Unit	Test Based On
Yield	21.5	m ² /kg	Internal Method
Unit Weight	45.9	g/m ²	Internal Method
Film Thickness	50	µm	Internal Method
Optical Density	2.3		Internal Method
Tensile Strength at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	120	Mpa	Internal Method
TD	245	Mpa	Internal Method
Dimensional Stability			
135°C / 275°F, 7 min			
MD	-4.0	%	Internal Method
TD	-2.0	%	Internal Method
Elongation at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	175	%	Internal Method
TD	65	%	Internal Method
Elastic Modulus			
MD	2000	Mpa	Internal Method
TD	3500	Mpa	Internal Method

Food Contact

Any further regulatory information on this product (i.e. Food Contact application, Presence/absence of substances, Reach, ...) are accessible on the below link: <https://www.jindalfilms.com/login-register-docmg/>

Legal Statement

Contact your Jindal Films Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB). This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement

- 50MD580 rolls are sensitive to damage from improper handling. The use of a sling is recommended. Avoid direct web contact with the floor or a pallet. Rolls should not be dropped or rolled.
- The coated print surface may not be compatible with all releaser iners. Compatibility testing is strongly recommended.
- This film is not intended for use in unprinted zigzag applications, in which the coated print surface is in contact with itself.
- Recommended storage conditions for coated PSL films are, temperature: 15°C - 30°C (59°F - 85°F); humidity: 40% to 65% RH.

Footnotes

1. Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete country availability.

Revision date

- March 15, 2021

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