

Label-Lyte™ 50ML580 film for a protected metalized appearance and high-speed press performance for PSL

Jindal Films's next generation Label-Lyte™ 50ML580 oriented polypropylene (OPP) film is designed for pressure sensitive adhesive label (PSL) applications which require a consistent, high-sheen metallized finish and high-speed, reliable press performance.

Featuring a proprietary top coating over the metalized surface, Label-Lyte 50ML580 film offers improved metal adhesion and protection for an attractive and consistent appearance. The proprietary design helps to prevent the formation of pinholes and crazing. The film can be laminated to polyester, OPP or paper silicone release liners. Label-Lyte 50ML580 film is well-suited for use in a wide range of market sectors including:

- beverages
- beauty-care
- applications requiring high-sheen, metalized labels

The adhesive surface design is suitable for broad functionality and adhesive system flexibility, minimizing the potential for metal transfer. The proprietary top-coated print surface delivers excellent print receptivity for a broad base of ink systems.

Offering consistent printing across multiple technologies, it is compatible with UV flexo, letterpress, screen and offset systems, as well as water-based flexo and solvent-based gravure systems.

Controlling the film production, metallization and coating process, Jindal Films provides a consistent, high-quality film that is ready for lamination by the roll stock laminator. This can result in a more stable converting performance, compared to other metalized films, and eliminate the requirements for expensive and complex outsourcing of product supply.

Label-Lyte 50ML580 film exhibits excellent stiffness for automatic label dispensing.



Benefits

- **proprietary top coating improves metal adhesion and protection**
- **compatible with a broad range of ink systems and printing technologies**
- **film design eliminates metal transfer**



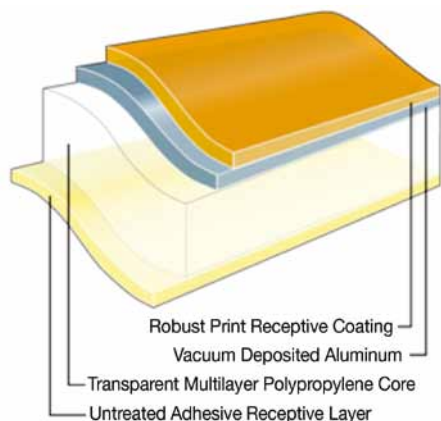
Preliminary data

key advantages

- excellent coated metal appearance
- excellent uncovered shelf life of coated metal print surface
- excellent compatibility with a broad range of ink systems, including UV flexo
- excellent “in-to-out” blocking resistance
- excellent stiffness for automatic label dispensing

Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Elastic modulus MD	305000 psi	2100 MPa	ASTM D882
Elastic modulus MD	508000 psi	3500 MPa	ASTM D882
Yield	15200 in2/lb	21.6 m2/kg	Jindal Films Method
Unit weight	28.4 lb/ream	46.3 g/m2	Jindal Films Method
Film thickness *	2.0 mil	50 µm	Jindal Films Method
Gloss (45°, Print Surface)	80	80	ASTM D2457
Tensile strenght at break MD 7.9 in/min (200 mm/min), 4.9 in (120 mm) jaw separation	17400 psi	120 MPa	ASTM D882
Tensile strenght at break TD 7.9 in/min (200 mm/min), 4.9 in (120 mm) jaw separation	39200 psi	270 MPa	ASTM D882
Elongation at break MD 7.9 in/min (200 mm/min)	175 %	175 %	ASTM D882
Elongation at break TD 7.9 in/min (200 mm/min)	50 %	50 %	ASTM D882
Dimensional stability MD 275° (135°C), 7 min	-3,5 %	-3,5 %	Jindal Films Method
Dimensional stability TD 275° (135°C), 7 min	-3,0 %	-3,0 %	Jindal Films Method

* Values are representative of film thickness; actual thickness may vary, see product data sheet for actual values.



Contact your Jindal Films representative
for more information

www.oppfilms.com

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