

NovaLife[®] Matte PET 275 DS (LMO 55011)



Certified for
HP Indigo

Premium non-tear film for creative applications

Description & Application

NovaLife Matte PET 275 DS (LMO 55011) is a synthetic paper made of both side coated PET (PolyEthylene Terephthalate) film for Electrophotography, Offset, Flexo and Screen Printing. Ideally suited for high quality Menu Cards, Certificates, Book Cover, Door Hangers, Table Mats, Coasters, Mouse Pad, Plant Tags, Temporary Number Plates, Indoor Signage and many more applications.

Features & Benefits

- PET Film base provides tear resistance, stiffness and thermal stability for long term durability
- Superior whiteness helps achieve wide colour gamut & deep rich colours
- Thermally stable PET Film base allows thermal lamination
- Reduced wastage due to absence of grain direction
- Soft silk finish gives a premium luxury paper feel
- HP Indigo Certified, hence no priming required
- Can do hot foiling for incorporating security seals and logos
- Writable surface for adding comments & signatures
- Stampable surface enables authentication of documents
- High opacity allows printing on both sides without show through

Specifications

- Base : Polyester Film (PET)
- Total Thickness : 275 ± 10 microns (370 ± 12 gsm)
- Surface Finish : White Matte
- Opacity : > 97 %
- Printability : Both side printable
- Available Sizes : Available in various sheet sizes & roll widths

Printer Compatibility

A Electrophotography - (ElectroInk and Dry toner)

Brand	Model
HP Indigo	3600, 5000, 5500, 5600, 5900, 7500, 7600, 7700, 7800, 7900, 7R, 10000, 12000
Konica Minolta Xerox	C73hc, C83hc, C1085, C2070, C2080, C3070, C3080, C6085, C6100 Xerox: 1000, 1000i Versant: 80, 180, 2100, 3100 iGen: 3, 4, 5, 150 Xerox Iridesse Production press
Canon	ImagePress C650, C7000VP, C7011VP
Ricoh	C751, Pro C7100, Pro C7100x, Pro C9100
Xeikon	3030, 3050, 3300, 3500, 8500, 9600, 9800

B Other Printing Technologies

Offset Printing	Standard offset ink can be used. For best results, use oxidative inks with alcohol dampening system. For incorporation of security features, invisible & florescent inks can also be used
Flexo Printing	Corona treatment not required. Compatible with UV & water-based inks
Screen Printing	Suitable for PVC based inks & UV inks
Inkjet Printing	UV inks (such as KM1) & Latex inks



Usage Instructions

- We recommend thorough testing of the substrate for intended application prior to use
- Please refer the user guide of the printing machine for correct printer settings
- For best output & media settings, please consult the service engineer of the press
- Please ensure the sheets are acclimatized to the printing environment for 24 hours before use
- Best print results can be obtained at 20-25 °C, 55% ± 10% relative humidity (RH)
- To facilitate jam-free feeding, please fan or jog the sheets before printing
- In addition to extend print life, lamination or varnishing after printing is advisable. The lamination film or varnish must be checked for compatibility with the media
- The durability of the printed images will depend on the fading characteristics of the ink or toner used. Please consult with press manufacturer for technical advice

Storage, Handling & Packaging

- Storage & Handling : Hold media by the edges to avoid kink marks. Fingerprints will affect the quality of the image. A fresh pair of cotton gloves should be used while handling unprinted media to avoid sweat, grease and oil transfer on to the media that could affect the print quality. When not in use, store the media in cool, dry place [20-25 °C, 55% ±10% RH] away from direct sunlight in its original packing. Keep media in flat position to avoid curling
- Ageing : Almost no deterioration or discoloration under normal environmental conditions when kept away from strong UV light and protected against extreme conditions
- Shelf-life : For optimum results, use the media within two years from the date of manufacture
- Pack Size : Available in 500 sheets (100 sheets X 5 packs)

About Us

TechNova is one of the world's largest suppliers of print solutions. TechNova's innovative and world-class products cater to a wide range of industries, such as Commercial & Newspaper Printing, Publishing, Packaging, Signage, Photo, Textile, Engineering & Medical Imaging.

TechNova's name is derived from the words "technology" and "innovation", and it is these two tenets that form TechNova's core mission. Globally recognised as a pioneer, TechNova has introduced several breakthrough technologies and innovative products that have transformed various print processes and created new markets.

With its wide distribution and logistics network in India, TechNova's products & services are used by every printer in the country. In addition to its leadership position in India, TechNova markets its products to over 60 countries through its international offices and distribution network.

Uniting all of TechNova's businesses is its value system - a strict code of ethics, commitment to excellence, business conduct based on honesty, fairness & mutual trust, and a "Customer First" philosophy.

Highlights

- World's only manufacturer of full range of Digital Offset Plates : Violet, Thermal, UV, Inkjet & Laser
- India's largest manufacturer of Offset Plates & Printing Chemicals
- Widest portfolio of Digital Print Media for Inkjet & Laser
- 70% market share in India for each of its product groups
- IMS Certification : ISO 9001:2015 (QMS); ISO 14001:2015 (EMS); ISO 45001:2018 (OHS)
- Winner of the prestigious GATF InterTech Technology Award
- Pioneer of the "Go Green" revolution in the Indian print industry

Corporate Office

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