

COSMO SYNTHETIC PAPER

Engineered to enhance **longevity**

The Choice of Modern-Age Commercial Printers
& Label Convertors, Security Printers, Small &
Large Format Printers & Photo-Lab owners.

NON-TEARABLE | EXCELLENT PRINTABILITY
ENVIRONMENT FRIENDLY | OIL & WATER RESISTANT

INDIA | AMERICAS | EUROPE | APAC




Cosmo Synthetic Paper

It is a co-extruded, white opaque, polypropylene based film which resembles paper in appearance. It is printable with most available printing technologies which include Conventional/Wet & UV Offset, Wet & UV Flexo, Letterpress, Screen, Thermal Transfer and Digital Printing (HP Indigo technologies & Dry Toner printing technologies).

Synthetic paper is a replacement of paper in applications where durability and longevity is desired. It is non-tearable, has moisture & chemical resistance and excellent lay flatness. The versatility of synthetic paper is reflected in the vast number of applications where it can be used. This includes areas such as commercial printing, tags & labels, retail & packaging, identification & credentials and outdoors.

Cosmo Synthetic Paper is EU 10/2011, USFDA, REACH, RoHS compliant and ISCC certified.

Grades	Product Code	Product Description	Available Thickness						Sizes
CSP Classic (Grade-1) Available in Sheet and Reel	CSPR-2/ CSPS-2 (M)	Standard Synthetic paper (Uncoated)	Microns 95 120 150 175 195 GSM 69 88 106 127 140 Microns 215 275 330 375 430 GSM 155 202 231 266 305						Maximum Width (Sheet) 1200mm Maximum Width (Reel) 1750mm
CSP Unicoat (Grade-2) Available in Reel	CSPR-2 (M) TC	Top Coated Synthetic paper	Microns 95 120 150 GSM 72 98 109 Microns 170 190 210 GSM 123 136 146						Maximum Width (Reel) 1580mm
CSP Dualcoat (Grade-3) Available in Sheet and Reel	CSPR-2/ CSPS-2 (M) BTC	Both Side Coated Synthetic paper	Microns 95 125 150 175 200 GSM 83 95 109 132 146 Microns 205 250 275 305 330 GSM 153 183 197 211 234 Microns 356 380 406 435 510 GSM 243 262 287 299 345						Maximum Width (Sheet) 1200mm Maximum Width (Reel) 1580mm
CSP FlexoTuff (Grade-4) Available in Reel	CSPR-2 (M) FLEXI 	Both Side Coated High Tear Resistance Synthetic paper	Microns 125 150 200 250 GSM 126 146 198 246						Maximum Width (Reel) 1580mm
CSP DigiLux (Grade-5) Available in Sheet and Reel	CSPR-2/ CSPS-2 (M) HR BTC	Both Side Coated Laser Printable Synthetic Paper (Natural Shade)	Microns 125 150 200 280 GSM 130 164 227 325 Microns 305 335 360 GSM 371 397 423						Maximum Width (Sheet) 1200mm Maximum Width (Reel) 1580mm
CSP DigiLux-MW (Grade-6) Available in Sheet and Reel	CSPR-2/ CSPS-2 (M) MW BTC	Both Side Coated Laser Printable Synthetic Paper (White Shade)	Microns 150 175 200 230 280 GSM 164 201 227 251 325						Maximum Width (Sheet) 1200mm Maximum Width (Reel) 1580mm

*CSP Flexi is approved and compliant for Direct Food Applications.

NOTE : CSPR for Reels & CSPS for sheets

HP INDIGO CERTIFIED

Commercial Printing

Applications

- Maps & Calendars
 - Posters
 - Coasters & Table Mats
 - Hospital Folders
 - Brochures & Leaflets
 - Photo Albums
 - Menu Cards
 - Children's Books & Religious Books
 - Gaming Cards
- Recommended Microns: 120-510



Tags & Labels

Applications

- Food & Pharma Packaging Labels
 - Electronic Appliances Labels
 - Apparel & Footwear Tags/Labels
 - Chemical Drum Labels
 - Paint & other Container Labels
 - Construction Site Stickers
 - Warning Labels on Appliances
 - Airport Transfer Tags
 - Wristbands
 - Track & Trace Labels
 - Steel Bar Tags
- Recommended Microns: 75-510



Retail & Packaging

Applications

- POP Graphics
 - Posters
 - Indoor Billboards
 - Banners
 - Backlit Displays
 - Shelf Talkers
 - Danglers
 - Shelf Labels
- Recommended Microns: 175-510



Identification & Credentials

Applications

- Visiting Cards
 - Healthcare & Insurance Cards
 - Marksheets & Certificates
 - Birth Certificates
 - Membership Cards
 - Driver's License
 - Voter ID Cards
 - Legal Documents
- Recommended Microns: 175-510



Outdoors

Applications

- Tree Tags
 - Storefront Displays
 - Bus Shelter Displays
 - Cattle Identification Tags
 - Frontlit & Backlit Displays
 - Horticulture Identification Tags
 - Outdoor Billboards, Banners & Posters
 - Train Station & Airport Signages & Displays
 - Displays & Advertisements on Public Transport Vehicles
- Recommended Microns: 215-510



Benefits

- Non-Tearable - Provides excellent tear resistance for tags applications
- Waterproof & Chemical Resistance - Excellent moisture and weather resistance
- Environmental friendly - Good substitute for pulp based trees and uses no water for the manufacturing process unlike paper along with higher yield
- Ease of Convertibility - Can be die punched, folded, perforated with excellent lay flatness properties
- Excellent Printability with diverse printing processes - Conventional & UV offset, Water & UV Flexo, Thermal Transfer, HP Indigo, UV Inkjet, HP Latex and various powder toner technologies.

About Us

Cosmo Films is one of the businesses of Cosmo First Limited with more than 42 years into existence. Cosmo First Limited has diverse businesses including Cosmo Films, Cosmo Speciality Chemicals (Coatings, Adhesive, Masterbatches and Textile Chemicals), Cosmo Plastech (temper proof containers), Cosmo Sunshield (Window & Security Films), Zigly (D2C omnichannel Petcare brand) and Philanthropic arm Cosmo Foundation.

With manufacturing units in India and warehousing in different parts of the World, Cosmo Films is a global leader in offering specialty BOPP, BOPET, PET G & CPP films for Sustainable Packaging, Labels (shrink wrap, Face stock films, labels for injection moulded containers and wrap around), Lamination (thermal and wet lamination), Synthetic Paper, and various industrial applications. The company has been at the forefront of developing customer-centric solutions to deliver the finest product and service experience, backed by innovation, people, and processes.

Installed Production Capacity

BOPP Films: 1,96,000 TPA
CSP : 7,200 TPA
CPP Films: 27,000 TPA
BOPET Films: 30,000 TPA
PET G Films : 14,000 TPA
Thermal Films: 40,000 TPA
Coating Films: 30,000 TPA
Metalized Films: 41,000 TPA

Infrastructure**

9 BOPP Production Lines*
1 CSP Line
3 CPP Lines
1 BOPET Line
1 PET G Line
6 Thermal Lamination Lines
8 Gravure Coating Lines
8 Metalizers

Certifications


ISO 9001: 2015 - Quality Management System
BRCGS - Global Standard For Packaging Material System
ISO 14001: 2015 - Environment Management System
FSSC 22000 - Food Safety System Certification
ISCC+ - International Sustainability and Carbon Certification

Sustainable Manufacturing Practices

The Company is committed to environmentally friendly and socially responsible manufacturing processes. Cosmo strives to establish a sustainable manufacturing model by:

1. Reusability - Cosmo Synthetic paper is made of polypropylene and is therefore 100% reusable in category 5 (PP).
2. Environment Friendly - Cosmo synthetic paper has no impact on forest resources it is 100% Tree Free.
3. The Cosmo manufacturing process uses very less water than traditional paper production, thus preserving water resources.
4. Regeneration of waste/scrap material to be used as input for production.
5. Recycling of paper cores and use of plastic and aluminum cores for in-house requirements, resulting in reduced use of paper core.
6. Partnering with customers for packaging structure rationalization to reduce material consumption.

 **MANUFACTURING FACILITIES**
India: 3

 **SALES OFFICES**
India: 6 | US: 1 | Germany: 1
Japan: 1 | Korea: 1

 **CUSTOMER FOOTPRINTS**
100+ Countries

 **WAREHOUSES**
Canada: 1 | US: 7 | Korea: 1 | Japan: 1
Germany: 2 | Mexico: 1

CORPORATE OFFICE

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USA OFFICE

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INDIA MANUFACTURING FACILITIES

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 **COSMO FILMS**
Engineered to Enhance