

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

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

NOTE : CSPR for Reels & CSPS for sheets

## 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

**Cosmo First Limited**  
1st Floor, Uppals Plaza, M6,  
Jasola District Centre  
New Delhi- 110025  
Ph: +91 11 4949 4949

### USA OFFICE

**Cosmo Films Inc. USA**  
425 N. Martingale Road  
Suite 210 Schaumburg  
IL 60173

### INDIA MANUFACTURING FACILITIES

**AURANGABAD**  
B-14/8 & 9, MIDC, Waluj, Aurangabad- 431136  
Maharashtra, Ph: +91 240 6660000

### AURANGABAD (SEZ UNIT)

AL-24/1, MIDC, Shendra Indl. Area  
Aurangabad- 431201, Maharashtra  
Ph: +91 240 6660730

### VADODARA

Vemardi Road, Village Navi Jithardi,  
Near Inox, Off N.H. No 8, Taluka: Karjan,  
District: Vadodara- 391240  
Ph: +91 2666 669669

[www.cosmosyntheticpaper.com](http://www.cosmosyntheticpaper.com)  
[www.cosmofilms.com](http://www.cosmofilms.com)  
[enquiry@cosmofilms.com](mailto:enquiry@cosmofilms.com)

 **COSMO FILMS**  
Engineered to Enhance