

TECHNICAL DATA SHEET

Metallised highly cavitated non heat sealable corona treated both side for labeling application.

PRODUCT DESCRIPTION

Chiripal Poly Films PMD is white opaque highly cavitated film, metallised on one side, and other side is non heat sealable, high energy corona treated surface for printing. The film designed for use in reel-fed wrap around & pressure sensitive label application, where outstanding metallised appearance and superior graphics are desired.

PRODUCT FEATURES

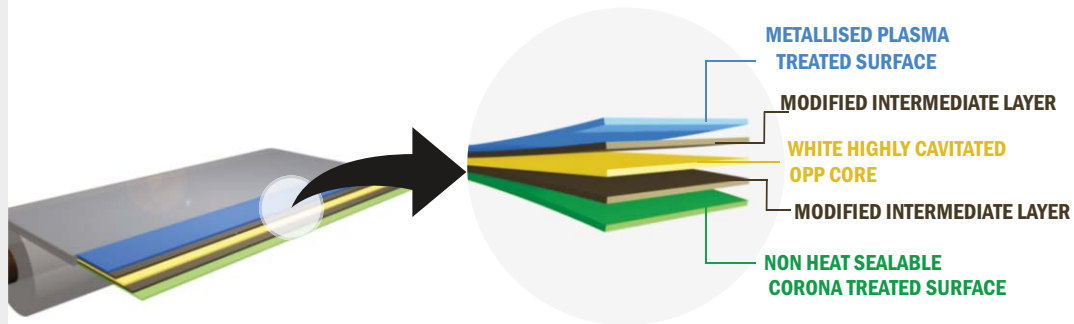
- Brilliant metal appearance
- Excellent adhesion of aluminum to film
- Excellent hot melt anchorage
- Very good stiffness & mechanical Properties properties
- High resistance to elongation on labeling machine
- Excellent surface treatment retention.
- Good mold resistance

APPLICATIONS

- Wrap around & pressure sensitive labels
- Reel – Fed labels
- Printing & laminations
- Conversion

* Available in inside / outside corona treated as per customer requirement

SHEET STRUCTURE



TECHNICAL INFORMATION

PROPERTIES	TEST METHOD	UNIT	CB30NB-PMD	CB35NB-PMD	CB40NB-PMD	CB45NB-PMD	CB50NB-PMD	
Nominal Thickness (±3.0%)	ASTM D-374	Micron	30	35	40	45	50	
		(Gauge)	120	140	160	180	200	
Unit weight	Internal	gm/m ²	17.3	20.2	23.1	26	17.3	
Yield	Internal	m ² /kg	57.8	49.5	43.3	38.5	57.8	
Film Density	Internal	Gm/cc	0.58					
Coefficient of Friction	ASTM D-1894	Kinetic	0.25-0.30					
Optical Density	ASTM D-1003	GM/CC	>2.2					
Gloss at 45°	ASTM D-2457	-	>50					
Tensile Strength at Break	ASTM D-882	kg/cm ²	MD	700				
			TD	1300				
		(KPsi)	MD	9.9				
			TD	18.5				
Elongation at Break	ASTM D-882	%	MD	160				
			TD	60				
Thermal Shrinkage (at 120°C / 5 min)	Internal	%	MD	<4.0				
			TD	<2.0				
WVTR (38°C & 90% RH)	ASTMF-1249	gm/m ² /day	0.32	0.32	0.30	0.28	0.28	
		(gm/100in ² /day)	0.02	0.02	0.02	0.016	0.016	
OTR (23°C & 0% RH)	ASTM D-3985	cc/m ² /day	42	40	40	38	38	
		cc/100in ² /day)	2.7	2.6	2.6	2.5	2.5	

MD – Machine Direction, TD – Transverse Direction, NT – Non Treated

FOOD CONTACT

Chiripal Poly Films complies with EC and FDA regulations. Specific document and MSDS are available on request.

STORAGE & HANDLING

Chiripal Poly Films do not require special storage conditions. A storage temperature below 30°C & humidity 55±5 % is recommended in order to avoid any deterioration of the film surface properties. Excess humidity and heat can cause problem such as fast treatment decay, film becomes more hazy / slippery which can affect the quality of printing and coating. It is advisable to use the material on FIFO basis. The film should be conditioned in operating environment for 24 hours before any kind of processing. CP-Films is best suitable for use up to 6 months from date of production.

DISCLAIMER

The property given in the technical data sheet do not constitute product specification but represent typical performance values based on the best of our knowledge and believed to be accurate. These are given in good faith but it is for the customer to satisfy of the suitability for its own particular purpose. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability / compatibility in all respects. Chiripal Poly Films Ltd. does not guarantee the typical values. Chiripal Poly Films Ltd. reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.