

TECHNICAL DATA SHEET

Transparent non heat sealable corona treated one side, for reverse printing and lamination

PRODUCT DESCRIPTION

Chiripal Poly Films NI is transparent non heat sealable corona treated one side, excellent clarity, slip and antistatic properties for use in reverse printing and lamination application. The corona treated side is designed for reverse printing and lamination. The film also used as release film in cold-seal applications.

PRODUCT FEATURES

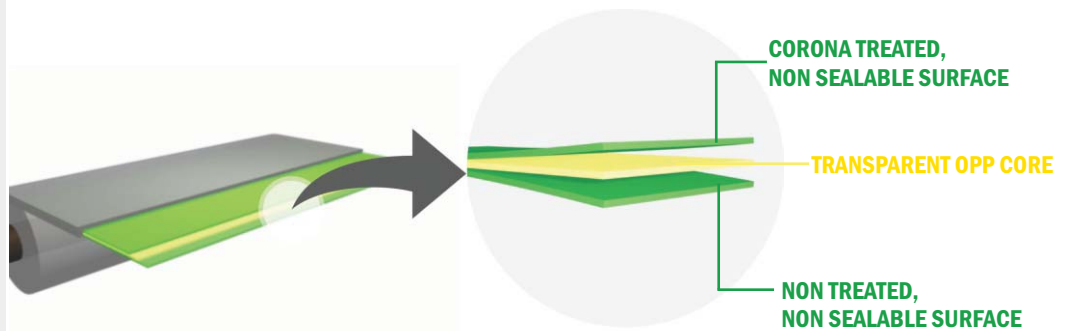
- Excellent transparency and high gloss
- Excellent anchorage of inks and adhesive on treated side
- Good antistatic and slip properties
- Excellent process ability during metallisation
- Good surface treatment retention
- Good mechanical properties
- Good dimensional stability

APPLICATIONS

- Reverse printing and lamination
- Conversion application
- Lamination
- Cold seal release film

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

SHEET STRUCTURE



TECHNICAL INFORMATION

PROPERTIES	TEST METHOD	UNIT	CB15NI	CB18NI	CB20NI	CB25NI	CB30NI	CB35NI	
Nominal Thickness (±3.0%)	ASTM D-374	Micron	15	18	20	25	30	35	
		(Gauge)	60	72	80	100	120	140	
Unit weight	Internal	gm/m ²	13.5	16.2	18.0	22.5	27.1	31.6	
Yield	Internal	m ² /kg	74.2	61.7	55.5	44.3	36.8	31.6	
Treatment Level	ASTM D-2578	dyne/cm	38 min						
Coefficient of Friction	ASTM D-1894	Kinetic (NT/NT)	0.35-0.45						
Haze	ASTM D-1003	%	1.5-2.0						
Gloss at 45°	ASTM D-2457	-	95						
Tensile Strength at Break	ASTM D-882	kg/cm ²	MD	1300					
			TD	2800					
		(KPsi)	MD	18.5					
			TD	39.8					
Elongation at Break	ASTM D-882	%	MD	180					
			TD	70					
Thermal Shrinkage (at 120°C / 5 min)	Internal	%	MD	<5.0					
			TD	<3.0					
WVTR (38°C& 90% RH)	ASTMF-1249	gm/m ² /day	7.0	6.8	6.5	5.7	5.4	5.1	
		(gm/100in ² /day)	0.45	0.44	0.42	0.37	0.35	0.33	

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.