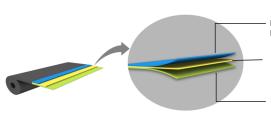
**HLS** 





HEAT SEALABLE, CORONA TREATED, PRINTABLE SURFACE

TRANSPARENT OPP CORE

LOW HEAT SEALABLE & ULTRA LOW COF NON CORONATREATED SURFACE

PRODUCT DESCRIPTION	RIPTION PROPERTIES		UNIT	TEST METHOD	CB15HI- LS	CB18HI- LS	CB20HI- LS	CB25HI- LS	CB30HI- LS	CB40HI- LS	CB50HI- LS
Chiripal Poly Films HLS is transparent both			Micron		15	18	20	25	30	40	50
side heat sealable with one side corona	Nominal Thickness (±5	%)	Gauge		60	72	80	100	120	160	200
Corona treated surface is specifically designed to provide excellent adhesion of ink and lamination and non-treated heat seal surface having good sealing characteristics	Unit Weight		gm/m²	Internal	13.7	16.4	18.2	22.8	27.3	36.4	45.5
	Yield		M <sup>2</sup> /kg		73.3	61.1	54.9	44.0	36.6	27.5	22.0
			IVI /Kg		13.3 01.1 34.9 44.0 30.0 21.3 2						
	MECHANICAL PROPERTIES										
	Tensile Strength	MD	kg/cm²	ASTM D-882	1200 - 1500						
		TD			2800 - 3100						
	Elongation Break	MD	%	ASTM D-882	150 - 230						
		TD			40 - 80						
	THERMAL PROPERTIES										
	Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<5.0						
		TD			<3.0						
	Heal Seal Range (NT side)		°C	Internal	105-140						
	Sealing Strength (NT side)										
	(120°C/2 Bar/1 sec)		gm/25mm	Internal	350	350 >400					
PRODUCT FEATURES	SURFACE PROPERTIES										
lamination with other substrates * Excellent optical properties	Coefficient of Friction (F/F NT Side)	Dy	-	ASTM D-1894		0.15 - 0.25					
	Surface Tension(min)		Dyne/cm	ASTM D-2578	38						
	OPTICAL PROPERTIES										
	Haze (max)		%	ASTM D-1003		2.5 3.0			.0		
	Gloss at 45°		%	ASTM D-2457		85 - 90					
	Note: MD – Machine Direction, TD – Transverse Direction, NT - Non Treated										

#### **APPLICATIONS**

- Single and two ply printing & lamination
- Very high speed FFS machine packaging application
- Flexible packaging
- Confectionery, Bakery & chips packing
- General wrapping

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

#### **FOOD CONTACT**

Chiripal Poly Films complies with EC and FDA regulations. Specific documents and MSDS are available upon request

# STORE & HANDLING

A storage temperature below 30°C & humidity 55±5 % is recommended in orderto avoid any deterioration of the film surface properties. Excess humidity and heat can cause problem such as fast treatment decay, which can affect the quality of printing and coating. It is advisable to use the material within six month from the 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 knowledgeand 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 Polyfilm doesnot guarantee the typical values. Chiripal Poly reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.