

PROVISIONAL

## COMHPSL2-G

BOPP FILMS

HIGH GLOSS METALIZED TWO SIDE COATED PRESSURE SENSITIVE BOPP FACESTOCK FILM



Coated print receptive layer

OPP core

Adhesive receptive coated metalized layer

AVAILABLE  
CALIPERS

### DESCRIPTION

High gloss Metalized **BOPP** Film with Print Receptive Coated on Non metal side & Adhesive receptive coated on Metal side for Pressure Sensitive Labels

### PRODUCT FEATURES

- Excellent ink adhesion with a broad range of ink systems, including UV curing inks on print receptive coated surface.
- Primer coating on metallized surface for excellent adhesive anchorage with wide range of adhesives
- Coating adhesion is maintained in hot and cold water immersion without cloudin
- High Metallic Lustre
- Excellent stiffness and mechanical properties
- Good dimensional stability
- Good die cutting performance

### APPLICATIONS

- Labels

### COATING SIDE

COM50HPSL2-G- Print receptive coating outside non -metal side, Adhesive receptive coating inside metal side

## PROVISIONAL

	PROPERTIES	POSITION	COM50HPSL2-G	UNIT	METHOD
GENERAL	Nominal Thickness*	-	50	μ	Internal Method
	Grammage	-	47.1	g/m <sup>2</sup>	Internal Method
	Yield	-	21.23	m <sup>2</sup> /kg	Internal Method
OPTICAL	Optical Density	-	2.2	-	Internal Method
	Gloss (At 60 deg.)	Non metal surface	630	GU	Internal Method
SURFACE	Wetting Tension	PR (Coated out)	42	dy/cm	ASTM D 2578
		AR (Coated in)	44		
MECHANICAL	Tensile Strength (at break)	- MD	1300	kg/cm <sup>2</sup>	ASTM D 882
		- TD	2800		
	Elongation (at break)	- MD	200	%	ASTM D 882
		- TD	60		
	Elastic Modulus	- MD	18000	kg/cm <sup>2</sup>	ASTM D 882
		- TD	33000		
THERMAL	Linear Shrinkage (max)	- MD	4	%	ASTM D 1204
		- TD	2		

\*The thickness mentioned is for substrate film (before coating)

The figures and above properties refer to typical values which are indicative only. Customers should verify the suitability of the film for its specific end use. Therefore this document will not represent a product specification.

### GUIDELINES FOR STORAGE

Temperature should preferably be less than 30°C & humidity 55±5% in storage areas and material should be consumed within three months of receipt. Coated films should be allowed to reach operating room temperature 24 hours before use.

### SAFETY

Compliance with industrial health and safety standards. Coated films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health & safety regulations are observed. Relevant guidelines can be found in our MSDS (available upon request).

### CAUTIONS

- Film characteristics are maintained for six months from the date of manufacturing
- Coated reels must not be stacked