

M15SL3

METALLISED NON HEAT SEALABLE BOPP FILM INSIDE METALLISED ULTRA HIGH BARRIER GRADE FOR ADHESIVE SANDWICH LAMINATION



DESCRIPTION

OPP SL3 is both side treated Ultra high barrier metallised **BOPP** film. It is metallised on one side and non-metallised side is treated for sandwich adhesive lamination (triplex structure), as a replacement of Aluminium foil (few applications) and metallised polyester.

PRODUCT FEATURES

- Outstanding Oxygen & Moisture Barrier
- Easy convertibility on both sides for adhesive sandwich lamination
- Excellent metal adhesion and treatment retention
- Good stiffness and mechanical properties
- Good runnability on VFFS & HFFS machines
- Excellent puncture resistance
- Good aroma protection

APPLICATIONS

Sandwich lamination in triplex structures as a replacement of Aluminium foil/metallised polyester

- Pouch/Sachet laminates
- Dry food & beverages powder
- Crisp & snacks
- House Hold & detergent
- Health and beauty care

	PROPERTIES		M15SL3	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	0.59	mils	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	2.80	lb/1000ft ²	Internal Method
	Yield	-	51535	in ² /lb	Internal Method
OPTICAL	Optical Density	-	2.7	-	Internal Method
SURFACE	Metal Adhesion	-	100	-	Internal Method
MECHANICAL	Tensile Strength (at break)	-MD -TD	18490 38403	psi	ASTM D 882
	Elongation (at break)	-MD -TD	200 70	%	ASTM D 882
	Elastic Modulus	-MD -TD	256019 455146	psi	ASTM D 882
THERMAL	Linear Shrinkage (max)	-MD -TD	4 2	%	Internal Method
BARRIER	WVTR (38°C, 90% rh)	-	0.026	g/100in ² /24hr	ASTM F 1249
	OXTR (23°C, 0% rh)	-	6.45	cc/100in ² /24hr	ASTM D 3985

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 with three months of receipt. OPP films should be allowed to reach operating room temperature 24 hours before use. Film characteristics are maintained for six months from the date of manufacturing.

FOOD CONTACT

OPP films complies with the requirements of FDA, EC & REACH regulations. Specific documentation is available on request.

SAFETY

Compliance with industrial health and safety standards. OPP 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 invoicing.
- Coated reels must not be stacked.