

METN

Metallized Non Heat Sealable Film



DESCRIPTION :

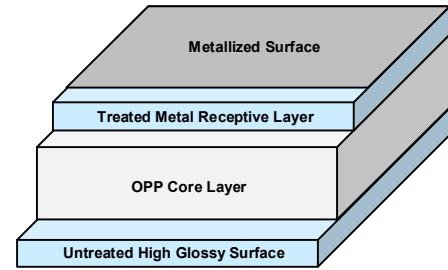
Gulf Pack METN is a co-extruded, bi-axially oriented film, metallized on one side and other side non heat sealable with high glossy surface.

PRODUCT FEATURES :

One side aluminum coated
 Excellent metal adhesion & web flatness
 High glossy surface on one side
 High stiffness
 Excellent light barrier enhances shelf life.

APPLICATIONS :

As inner web for adhesive lamination.
 Packaging for moisture & odor sensitive foods.
 Specialty as Easter eggs packaging, gift wrap and flower designing.



PROPERTIES		UNIT	TYPICAL VALUES				TEST METHOD.
PHYSICAL	Thickness	Microns	15	20	30	35	ASTM D 374
		Gauge	60	80	120	140	
	Grammage	g/m ²	13.65	18.20	27.30	31.85	*GPIM
		lbs/ream	8.4	11.2	16.8	19.6	
	Yield	m ² /kg	73.26	54.95	36.63	31.40	
		in ² /lb	51,600	38,700	25,800	22,100	
Coefficient of Friction (Film/Film)			0.40				ASTM D 1894
Surface Tension (Treated Side)		dynes/cm	38				ASTM D 2578
OPTICAL	Optical Density	%	1.8				GPIM
MECHANICAL	Tensile Strength at Break	*MD	15				ASTM D 882
		*TD	27				
		MD	21,330				
		TD	38,394				
	Elongation at Break	MD	170				ASTM D 882
TD		50					
THERMAL	Thermal Shrinkage	MD	< 4.0				GPIM (120°C (248°F), 5 min, air)
		TD	< 2.0				
BARRIER	Water Vapor Permeability (W.V.T.R.)	g/m ² /24h	0.40 - 0.80				ASTM F 1249 (38°C / 90% RH)
		g/100in ² /24h	0.026 - 0.051				
	Oxygen Transmission Rate (O.T.R.)	cc/m ² /24h	60				ASTM D 3985 (23°C / 0% RH)
		cc/in ² /24h	3.90				

* GPIM – Gulf Pack Internal Method *MD – Machine Direction *TD – Transversal Direction

Gulf Pack METN films comply with the EU Regulation 10/2011/CE and USA FDA Code of federal regulations CFR21 section 177.1520 (c) 1.1 and is suitable for use in packaging, transporting or holding foods.

The information contained in this technical leaflet is to the best of our knowledge & experience. Since the conditions under which our products maybe used are beyond our control, recommendations are made without warranty or guarantee.

Bi-axially oriented polypropylene film aged with time and will exhibit deterioration of properties if it is not stored in a dry environment at a temperature 30°C or below. We highly recommend our customer to use recommended storage condition and consume product before 3 months from date of production in our plant.

Detail advice regarding other specific application of **Gulf Pack METN** and other films in the Gulf Pack range is available upon request.