

NF503

Metallized Non Heat Sealable Film



DESCRIPTION :

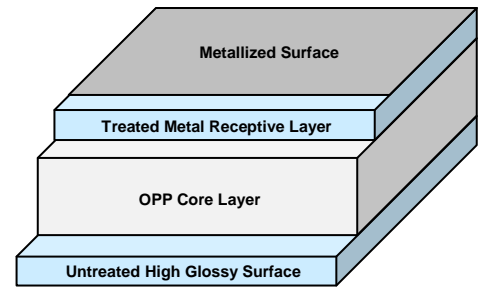
Gulf Pack NF503 is a metallized film at one side and other side non heat sealable with high glossy surface.

PRODUCT FEATURES :

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

APPLICATIONS :

As inner web for adhesive lamination
 Packaging for moisture & odor sensitive foods
 Specialty as chocolate & confectionery 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 – Transverse Direction

Gulf Pack NF503 films comply with EU Regulation 10/2011/EC and USA FDA Code of Federal Regulations CFR21 section 177.1520 (c) 1.1 and are suitable for use in packaging, carrying and transporting foodstuffs.

The information contained in this technical leaflet illustrates typical values only and are to the best of our knowledge. Since the conditions under which our films may be used are beyond our control, such values are declared without warranty or guarantee.

Bi-axially oriented polypropylene films age with time and will exhibit deterioration of some properties if not stored in a suitable environment at a temperature 30°C or below. We strongly advise our customers to use recommended storage conditions and consume products before 3 months from date of production in our plant.

Gulf Pack NF503 standard surface treatment location is on the outer side (O); other treatment preference can be arranged upon agreement with the sales representative before order processing.

Detailed advice regarding other specific applications of **Gulf Pack NF503** and other films in the Gulf Pack range is available upon request.