

# CF507

## Metallized Cold Seal Film



METALLIZED BOPP FILM

**DESCRIPTION:**

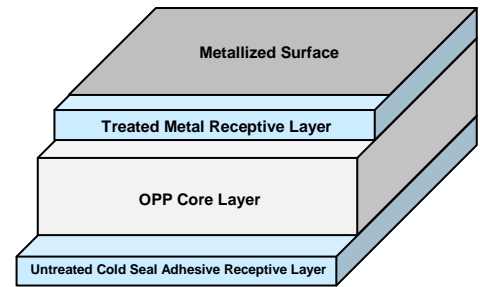
**Gulf Pack CF507** is a metallized film, one side with high purity aluminum and other side untreated for cold seal adhesive application

**PRODUCT FEATURES:**

- One side aluminum coated
- Excellent metal adhesion & web flatness
- Good optical density
- Outstanding barrier to moisture, gas & odors.
- Excellent light barrier enhances shelf life
- Good resistance to oils, fats & flex cracking

**APPLICATIONS:**

- Rotogravure & flexographic printing; to be over lacquered for cold seal release
- Suitable for cold seal application
- Can be used as a mono web application
- Also as a laminate with GPIL CF101



PROPERTIES		UNIT	TYPICAL VALUES			TEST METHOD.
PHYSICAL	Thickness	Microns	18	20	30	ASTM D 374
		Gauge	72	80	120	
	Grammage	g/m <sup>2</sup>	16.38	18.20	27.30	*GPIM
		lbs/ream	10.1	11.2	16.8	
	Yield	m <sup>2</sup> /kg	61.05	54.95	36.63	
		in <sup>2</sup> /lb	43,000	38,700	25,800	
Coefficient of Friction (Film/Film)			0.35			ASTM D 1894
Surface Tension (Treated Side)		dynes/cm	38			ASTM D 2578
OPTICAL	Optical Density	%	2.2			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 <sup>2</sup> /24h	0.80			ASTM F 1249 (38°C / 90% RH)
		g/100in <sup>2</sup> /24h	0.051			
	Oxygen Transmission Rate (O.T.R.)	cc/m <sup>2</sup> /24h	90			ASTM D 3985 (23°C / 0% RH)
		cc/in <sup>2</sup> /24h	5.80			

\* GPIM – Gulf Pack Internal Method      \*MD – Machine Direction      \*TD – Transverse Direction

**Gulf Pack CF507** 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 CF507** standard surface treatment location is on the outer metallized 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 CF507** and other films in the Gulf Pack range is available upon request.