

# iCF202

## Matte Cold Seal Release Film



**DESCRIPTION :**

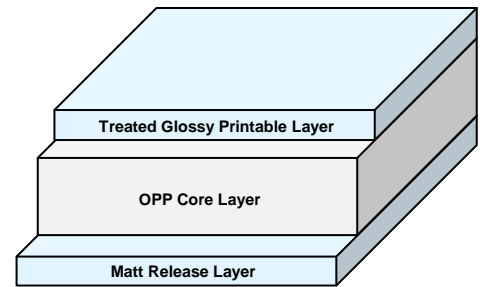
**Gulf Pack CF202:** is a film having one side matte surface with cold seal release property, other side with glossy treated surface.

**PRODUCT FEATURES:**

One side matte surface, other side glossy.  
Good release properties.  
Treated glossy side for printing and lamination.

**APPLICATIONS:**

Cold seal release.  
Rotogravure and flexographic reverse printing.  
HFFS and VFFS packaging



PROPERTIES		UNIT	TYPICAL VALUES		TEST METHOD.
PHYSICAL	Thickness	Microns	18	20	ASTM D 374
		Gauge	72	80	
	Grammage	g/m <sup>2</sup>	15.45	17.20	*GPIM
		lbs/ream	9.47	10.55	
	Yield	m <sup>2</sup> /kg	64.82	58.23	
		in <sup>2</sup> /lb	45,662	40,980	
Coefficient of Friction (Film/Film)			0.35		ASTM D 1894
Surface Tension (Treated Side)		dynes/cm	38		ASTM D 2578
OPTICAL	Haze	%	75		ASTM D 1003
	Gloss (45°) GS / MS		50 / 10		ASTM D 2457
MECHANICAL	Tensile Strength at Break	*MD	12		ASTM D 882
		*TD	22		
		MD	17,064		
		TD	31,284		
	Elongation at Break	MD	180		ASTM D 882
		TD	50		
THERMAL	Thermal Shrinkage	MD	< 4.0		GPIM (120°C (248°F), 5 min, air)
		TD	< 2.0		

\* GPIM – Gulf Pack Internal Method

\*MD – Machine Direction

\*TD – Transverse Direction

**Gulf Pack CF202** 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 6 months from date of production in our plant.

**Gulf Pack CF202** standard surface treatment location is on the glossy 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 CF202** and other films in the Gulf Pack range is available upon request.