

# CF401

Solid White Non Heat Sealable for Cold Seal Application



SOLID WHITE BOPP FILM

**DESCRIPTION :**

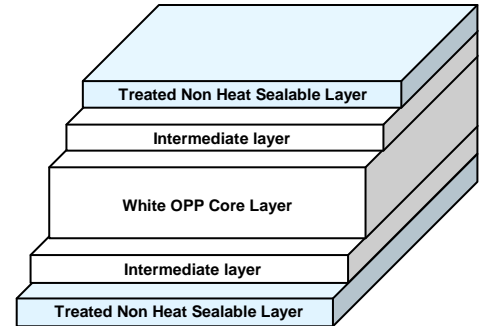
**Gulf Pack CF401** is a solid white opaque film, Non heat sealable both side treated for cold seal application

**PRODUCT FEATURES :**

Both sides treated.  
Ideal whiteness and gloss.  
Surface treatment on two sides promotes receptivity to inks, lacquers and cohesive sealants

**APPLICATIONS :**

Cold seal application.  
Rotogravure & Flexographic printing.



PROPERTIES		UNIT	TYPICAL VALUES			TEST METHOD.
PHYSICAL	Thickness	Microns	20	35	40	ASTM D 374
		Gauge	80	140	160	
	Grammage	g/m <sup>2</sup>	19.20	33.60	38.40	*GPIM
		lbs/ream	11.80	20.65	23.60	
	Yield	m <sup>2</sup> /kg	52.08	29.76	26.04	
		in <sup>2</sup> /lb	36,692	20,967	18,346	
Coefficient of Friction (Film/Film)			0.55			ASTM D 1894
Surface Tension (Treated Side)		dynes/cm	38			ASTM D 2578
OPTICAL	Opacity	%	66	75	80	ASTM D589-97
	Gloss (45°)		55			ASTM D 2457
MECHANICAL	Tensile Strength at Break	*MD	13			ASTM D 882
		*TD	26			
		MD	18,486			
		TD	36,972			
	Elongation at Break	MD	150			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 CF401** 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.

Detailed advice regarding other specific applications of **Gulf Pack CF401** and other films in the Gulf Pack range is available upon request.