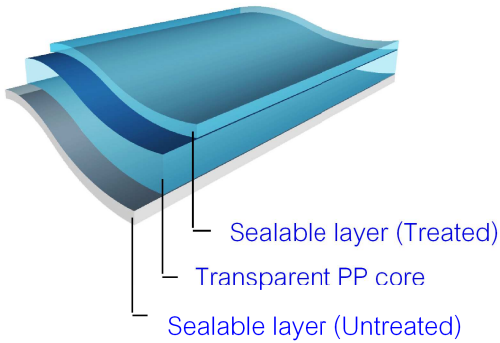




# THAI FILM INDUSTRIES PUBLIC CO., LTD.

## C-24

## CPP CO-EX NORMAL HEAT SEAL FILM



### Description:

This film is widely used in packaging printing and laminating application. Available for one side treatment and non treatment.

### Characteristics :

Clarity  
Suitable for printing and heat sealing  
Uniform and stable sealing strength

### TECHNICAL DATA

TYPICAL PROPERTIES	UNIT	TEST METHODS	TYPICAL VALUE						
			18	20	25	30	35	40	50
THICKNESS	Micron	Progage	18	20	25	30	35	40	50
YIELD	m <sup>2</sup> /kg	-	61.05	54.95	43.96	36.63	31.40	27.47	21.98
DENSITY	g/cm <sup>3</sup>	ASTM D-1505	0.91						
AVERAGE THICKNESS VARIATION	%	ASTM E-252	± 3						
TENSILE STRENGTH	kg/mm <sup>2</sup> (min)	MD	4						
		TD	2						
ELONGATION AT BREAK	% (min)	MD	400						
		TD	400						
KINETIC C.O.F.	NT/NT	ASTM D-1894	0.6 - 0.9						
WETTING TENSION	Dyne/cm (min)	ASTM D-2578	38						
SEALING TEMPERATURE	°C (min)	1 BAR 1 SEC	120						
SEALING STRENGTH	g/15mm (min)	-	500	600					800
GLOSS (Angle 45°)	% (min)	ASTM D-2457	75						
HAZE	% (max)	ASTM D-1003	3.5			4.0		5.0	5.5
WVTR (38 °C, 90% RH)	g/m <sup>2</sup> /24hr (max)	ASTM F-1249	14	13	12	9	8	7	5
O <sub>2</sub> TR (23 °C, 0% RH)	cc/m <sup>2</sup> /24hr (max)	ASTM D-3985	4100	3800	3000	2600	2200	1900	1200

### DESCRIPTION OF SUPPLY

PAPER CORE I.D.	77 mm (3 in.) 153 mm (6 in.)
ROLL O.D.	max. 800 mm
WIDTH RANGE	100 mm - 2,000 mm. (other width on request), Allowance 0, +3 mm
COMBINATION WIDTH	2,350 mm.
LENGTH RANGE	STANDARD 4,000 m., 6,000 m. (other length on request)
JOINT	maximum 10% per order

**Food approval :** Complied with US FDA & EU regulations (on request).

**Storage condition:** Should be kept in dry storage with temperature 30°C - 40°C.

### Disclaimer:

The information provided above is accurate to the best of our knowledge. It is however suggested that the customer confirms these values and product compatibility prior to their use. Thai Film Industries PCL offers no guarantees nor accepts any responsibility for the fitness of the product for any particular use.

14/03/2016