

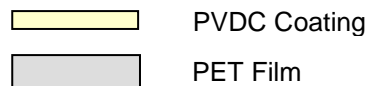
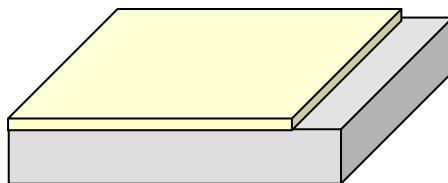
SARAFIL

PRODUCT INFORMATION

Date: 26-02-14

PROVISIONAL DATA SHEET

Sarafil VC100 is transparent barrier Polyester film is a one side PVDC coated designed for high barrier flexible packaging applications. It has good moisture, oxygen and aroma barrier suitable for "see-through" packaging structure. It is suitable for product requiring extended shelf life applications like packaging of dairy products, meat, biscuits, coffee etc, typical uses as an outer layer of MAP packages. It can be laminated using one or two components, solvent base, & solvent less based adhesives. PVDC coated side can be printable by using the suitable inks. Extrusion coating on PVDC side requires a suitable Primer. It has good mechanical properties, high Clarity and Gloss for self-appeal.



MICRON (GAUGE): 13.5 (54)

TYPE : VC 100 - Barrier Coating PET film – Coating wound inside

Typical Values

Properties	Unit	Test Method	13.5 (54) Micron (Gauge)
NOMINAL THICKNESS	Micron (gauge)	Polyplex Method	13.5 (54)
YIELD	m ² /kg (in ² /lb)	Polyplex Method	51.5 (36,200)
MECHANICAL PROPERTIES			
TENSILE STRENGTH	Kg/cm ² (kpsi)	ASTM D-882	2100 (30.0)
MD			2200 (31.5)
TD			
ELONGATION AT BREAK	%	ASTM D-882	135
MD			130
TD			

Properties	Unit	Test Method	13.5 (54) Micron (Gauge)
THERMAL PROPERTIES			
HEAT SHRINKAGE (150 °C/30 minutes)			
MD	%	ASTM D-1204	2.0
TD			0.2
SURFACE PROPERTIES			
CO-EFFICIENT OF FRICTION (A/B)			
STATIC	NA	ASTM D- 1894	0.60
KINETIC			0.50
SURFACE TENSION TREATED SIDE	Dyne/cm	ASTM D-2578	54
OPTICAL PROPERTIES			
HAZE	%	ASTM D-1003	5.0
BARRIER PROPERTIES			
WVTR at 38°C / 90 % RH	g/m ² /day	ASTM F-1249	7.0
OTR at 23°C / 0% RH	cc/m ² /day	ASTM D-3985-95	7.0

- These above properties can be changed to meet the specific requirements of the customers.