

SICOREX

PVC core and films for standard plastic cards

GRADE: PVC Core S205

SURFACE: GLOSS 60

MIN SHEET WIDTH: >300mm

MAX SHEET LENGTH: 1000MM

PVC S205 is an opaque rigid pvc core with gloss surface on both sides. Good surface area for offset printing or silkscreen with good ink adhesion to the surface. It has good lamination properties and is suitable for multi layer core for plastic cards and combines well with most pvc transparent overlay film.

AVAILABLE DIMENSIONS	>100 microns	
	140 ~ 160 microns	
	170 ~ 200 microns	
	210 ~250 microns	
	360 ~ 470 microns	
	480 ~ 600 microns	
	760 + microns	

APPEARANCE	Surface finish	Gloss 60
	Roughness	0.7 ~ 1.4 Ra
		4-9 Rz
	GLOSS 60% (0.15~0.25mm thickness)	<18
	(0.26~0.80mm thickness)	<16
Squareness ratio	<1.2mm/m	

MECHANICAL PROPERTIES	Tensile strength Linear MPa	>40 MPa	
	Tensile strength Vertical MPa	>42 MPa	
	VICAT softening Point	80 C	
	Density	1.38 +/- 0.04 g/m3	
	Surface tension	>36	
	Heat shrinkage	<0.08mm	Vertical >26 Linear <12.5
		0.09~0.11mm	Vertical >22 Linear <11.0
		0.12~0.14mm	Vertical >15 Linear <7.0
		0.15~0.20mm	Vertical >8.5 Linear <4.0
		0.21~0.26mm	Vertical >6.5 Linear <3.5
0.27~0.35mm		Vertical >6.0 Linear <2.2	
0.35mm~0.47mm	Vertical >5.0 Linear <2.0		
	0.48mm	Vertical >4.5 Linear <2.0	



VICCARD PTE LTD
 1020 Tai Seng Avenue #03-3500,
 Singapore 534416
 Tel: (65) 6288 1801
 Fax: (65) 6288 1802

VICCARD (M) SDN BHD
 Unit A-3-11, 8 Avenue, Jalan 8/1, Seksyen 8
 46050 Petaling Jaya, Selangor, Malaysia
 Tel: (603) 7960 7932 / 7954 7932
 Fax: (603) 7960 0932

Email: viccard@singnet.com.sg

Email: viccard@po.jaring.my

www.viccard.com.sg

SICOREX

PVC core and films for standard plastic cards

GRADE: OVERLAY FILM S115

SURFACE: MATT/MATT SMOOTH

MIN SHEET WIDTH: >300mm

MAX SHEET LENGTH: 1000MM

Overlay S115 is a clear matt or matt smooth pvc film used over white rigid pvc core sheets for plastic cards application. Combines well with white rigid pvc core. Recommended for use as overlay film for laminated cards

AVAILABLE DIMENSIONS	>100 microns	
	110 ~ 130 microns	
	140 ~ 160 microns	
	170 ~200 microns	
	210 ~ 250 microns	
	260 ~ 350 microns	
	360 ~ 470 microns	
	480 ~ 600 microns	

APPEARANCE	Surface finish	<i>Matt/Matt smooth</i> <i>Free from apparent defects</i>
	Roughness	0.7 ~ 13 Ra
		4-9 Rz
	Gloss 60%	0.06~0.15mm <50
		0.16~0.3mm <36
		0.31~0.50 <22
Squareness ratio	<1.2mm/m	
Black dots	O.D 0.50MM plus not allowed	
Impurities	O.D 0.3~0.5m less 20/m2	

MECHANICAL PROPERTIES	Tensile strength Linear MPa	>44 Mpa	
	Tensile strength Vertical MPa	>50 Mpa	
	VICAT softening Point	72 C	
	Density	1.34 +/- 0.02 g/m3	
	Surface tension	>36	
	Heat shrinkage:	(0.06~0.15mm)	Vertical >45 Linear <14
		(0.16~0.39mm)	Vertical >25 Linear <8
(0.40~0.50mm)		Vertical >15 Linear <3	



VICCARD PTE LTD
1020 Tai Seng Avenue #03-3500,
Singapore 534416
Tel: (65) 6288 1801
Fax: (65) 6288 1802

Email: viccard@singnet.com.sg

VICCARD (M) SDN BHD
Unit A-3-11, 8 Avenue, Jalan 8/1, Seksyen 8
46050 Petaling Jaya, Selangor, Malaysia
Tel: (603) 7960 7932 / 7954 7932
Fax: (603) 7960 0932

Email: viccard@po.jaring.my