

THE PRODUCT LINE AND ITS SPECIFICATION

一、SCOPE OF APPLICATION:

IT IS APPLICABLE FOR LABEL , SIGN , BILLBOARD , INK JET PRINTING, WINDOW OR GRAPHICS USE AFTER UNDERGOING ADHESION PROCESS.

二、TYPES :

CODE	APPLICATIONS
FLX	PVC SHEETING FOR LABEL 、 INK-JET PRINTING 、 SIGN
FLM	PVC SHEETING FOR LABEL 、 TRANSLUCENT SIGN 、 BILLBOARD , WINDOW OR GRAPHICS WITH GOOD WAETHERABILITY & LOW-MIGRATION TYPE
FLS	PVC SHEETING FOR TRANSLUCENT SIGN 、 BILLBOARD , WINDOW OR GRAPHICS WITH GOOD WAETHERABILITY
FLP	PVC SHEETING FOR INK JET PRINTING

三、SPECIFICATION :

ITEM	THICKNESS (m/m)	WIDTH(")	PUT UP (y/ROLL)	HAND(PHR)
FLX	0.07-0.40	20-64	500-3000	14-36
FLM	0.07-0.40	20-64	500-3000	14-36
FLS	0.07-0.40	20-64	500-3000	14-36
FLP	0.07-0.40	20-64	500-3000	14-36

四、QUALITY CRITERION :

1.SIZE :

ITEM	CRITERION AND ALLOWANCE
THICKNESS (mm)	1.INDIVIDUAL : $\leq 0.10\text{mm} \pm 10\%$ 0.101mm ~ 0.40 $\pm 10\%$ 2.AVERAGE : $\pm 5\%$
WIDTH (")	0 ~ +1/8"
WEIGHT (Kg)	$\pm 5\%$

2.APPEARANCE :

ITEM	Criterion and allowance
Color	Must be the same as the customer's sample or meet commercially acceptable standard
Opacity	Must be the same as the customer's sample or meet commercially acceptable standard
Finish	Must be the same as the customer's sample or meet commercially acceptable standard
Hand	20PHR ↓ ± 1PHR ; 21-36PHR ± 2PHR
Black spot, contamination	Must be the same as the customer's sample or meet commercially acceptable standard
Pin hole	Not allowed
Air pocket	Must be the same as the customer's sample or meet commercially acceptable standard
Layflat	1. Fluctuated wave edges are not allowed. 2. Camber is confined to 1/2" as max. Per 6 YDs.

3.PHYSICAL PROPERTIES :

ITEM	CODE	FLX	FLM	TEST METHOD
		FLS	FLP	
Tensile strength (Kg/cm ²)	MD	≥ 190 (2800)	≥ 190 (2800)	REFERENCE ASTM D-882 Method A
	CD	≥ 190 (2800)	≥ 190 (2800)	
Elongation(%)	MD	≥ 100	≥ 100	REFERENCE ASTM D-882 Method A
	CD	≥ 100	≥ 100	
ELMENDORF (g/mil)	MD	≥ 20	≥ 20	REFERENCE ASTM D-689
	CD	≥ 20	≥ 20	
Finish (60° Gloss)		#001 ≥ 80 (OUTER LAYER) #405 : 4-12	#001 ≥ 60 (OUTER LAYER) #405 : 4-12	REFERENCE ASTM D-523
DIMENSIONAL STABILITY MD - %		#001 ≤ 5.5 OTHER EMBOSSING ≤ 5		REFERENCE ASTM D-1204

五、PRODUCT FEATURE AND MATTERS TO TAKE NOTICE:

1. TO ENSURE GOOD PRINTING EFFECT , WE RECOMMEND TO USE EMBOSS PATTERNS 405 OR 463 FOR PVC SHEETING WITH MATTE FINISH.
2. PLEASE EXPLAIN TO CUSTOMER THAT THE DIFFERENT FINISH BETWEEN INSIDE AND OUTSIDE TIERS OF SHEETING IF THE PUT UP IS OVER 1000YDS/ROLL FOR GLOSSY LABEL WITH EMBOSS 001.
3. PLEASE EXPLAIN TO CUSTOMER THAT THE INSIDE TIERS OF SHEETING IN 10YDS SHOWING PRESSURE MARK IS INEVITABLE AS DRIVEN BY CORE MARK AND CUTTING MARK.
4. AS "LM" PRODUCT GAINS A GOOD CONTROL OF SOLVENT RESISTANCE , DIMENSION STABILITY AND ADHESION COMING OFF RESISTANCE , WE RECOMMEND TO USE "LM" PRODUCT FOR OUTSIDE BILLBOARD FOR LONG DURATION.
5. TO USE PIGMENT WITH WEATHERABILITY ADDITIVE IS CONSIDERED FOR "FLM AND FLS" PRODUCT. PLEASE MAKE CONTACT WITH OUR TECHNICIAN IF ANY SPECIAL QUALITY INCLUDING UV INHIBITOR SHOULD BE REQUIRED.
6. THE CHARACTERISTICS OF COLOR FADE UNDER EXPOSURE IS CONSIDERED TO THE PRODUCT. PLEASE MAKE CONTACT WITH OUR TECHNICIAN IF THERE IS ANY SPECIAL WEATHERABILITY REQUIRED.