



# WHITE RIGID PVC FILM (VFVG)

### DESCRIPTION:

Rigid White PVC film is manufactured according to a special non-toxic formulation (which conforms to CNS and Japan's PL Food Sanitations specifications), with excellent formability characteristics, suitable for food packing and printing by various print platforms.

### FIELD OF APPLICATION:

Suitable for printing applications by both conventional and UV screenprinting methods, UV digital flatbed and UV Offset printing. Ideal for interior & short term exterior use. Perfect for point of sale, posters, shelf wobblers, pop-up displays, blister press-through packs, inserts and trays used in food packaging.

### VISUAL PROPERTIES:

Gloss White & Matt White. Gloss grades are corona treated.

### PHYSICAL PROPERTIES:

GENERAL	TEST METHOD	TYPICAL VALUE
Thickness tolerance	ASTM D-1593	0.201mm~0.35mm ±5% 0.351mm~0.50mm ±4% 0.501mm~0.75mm ±3% 0.75mm ↑ ±2%
Color	JIS K-7105	Color: ΔE<2.0 Transparent : *b<0.5
Gloss Value (60°)	ASTM D-523	Glass Clear: 135~145 Opaque: 85(Min)
Surface	ASTM D-1593	Glass Clear,Opaque Gloss/Gloss,Matte/Matte
Specific Gravity	ASTM D-792	1.35±0.05
<b>MECHANICAL</b>		
Tensile Strength	JIS K-6734	MD 450kg/cm <sup>2</sup> (Min) CD 400kg/cm <sup>2</sup> (Min)
Tensile Elongation	JIS K-6734	MD 100% (Min) CD 80% (Min)
Falling ball strength	ASTM D-3029	2.5~5.0 lb-in/mil
<b>THERMAL</b>		
Vacuum Forming Temp	-----	250~350°C
Vicat Temp	ASTM D-1525	85±2°C
Shrinkage 150°C × 10min	ASTM D-1204	MD: -15%(max) CD: +2.5%(max)
<b>CHEMICAL</b>		
Resistance to acid	ASTM D-534	Excellent
Resistance to alkalies	ASTM D-534	Excellent
Viny1 Chloride Monomer	ASTM D-3680	1 PPM(max)
Buty1 Tin Compound	JIS K-6734	5 PPM(max)

Product from Nan Ta Plastics Corporation (2<sup>nd</sup> Div)

# CLEAR RIGID PVC FILM (VFVG)

**DESCRIPTION:**

Rigid Clear PVC films have excellent transparency. Very slight flow marks are apparent and crease white lines may occur during folding or bending when used in the manufacturing of boxes, packaging of toys, gifts, clothing, cosmetics etc.

**FIELD OF APPLICATION:**

Suitable for printing applications by both conventional and UV screenprinting methods, UV digital flatbed and UV Offset printing. Ideal for interior & short term exterior use. Perfect for point of sale, posters, shelf wobblers, pop-up displays, blister press-through packs, inserts and trays used in food packaging.

**VISUAL PROPERTIES:**

Gloss Clear, Matt Clear and Matt/Velvet Embossed. Gloss Grades are corona treated.

**PHYSICAL PROPERTIES:**

GENERAL	TEST METHOD	TYPICAL VALUE
Thickness tolerance	ASTM D-1593	0.101mm~0.200mm ±7% 0.201mm~0.350mm ±5%
Color	JIS-K7105	Color: $\Delta E < 2.0$ Transparent *b < 0.5
Gloss Value (60°)	ASTM D-523	Glass Clear: 130~150 Opaque: 80(Min)
Surface	ASTM D-1593	Glass Clear, Opaque Gloss/Gloss, Matte/Matte
Specific Gravity Slanting	ASTM D-792 Nan Ya Test Mode (NY2-24-C03)	1.35±0.05 3mm ↓ / 5M
<b>MECHANICAL</b>		
Tensile Strength	JIS K-6734	MD 450kg/cm <sup>2</sup> (Min) CD 400kg/cm <sup>2</sup> (Min)
Tensile Elongation	JIS K-6734	MD 100% (Min) CD 80% (Min)
Falling ball strength	ASTM D-3029	2.0~4.0 lb-in/mil
<b>THERMAL</b>		
Vicat Temp	ASTM D-1525	83±2°C
<b>CHEMICAL</b>		
Resistance to acid	ASTM D-534	Excellent
Resistance to alkalies	ASTM D-534	Excellent

**Product from Nan Ta Plastics Corporation (2<sup>nd</sup> Div)**