

- NIAM-MED** Single layer rigid PVC film for PTP
- NIAM-PACK** single layer rigid PVC film for deep drawing vacuum forming with excellent transparency
- NIAM-FOLD** single layer rigid PVC film in various color for stationery & decoration
- NIAM-COOLING TOWER** single layer rigid PVC film for cooling towers fill pack with high temperature performance & excellent resistance against weathering, uv light & microbial attacks

Polyvinyl chloride (PVC) comes in rigid and flexible forms. Rigid Vinyl Film (PVC Film) is a thermoplastic polymer used in construction, food and non-food packaging. PVC is known for its excellent flame retardance, strength, and impact resistance. Its relatively low cost, biological and chemical resistance, and outstanding workability have made PVC ideal for use in applications where high cost or the possibility of corrosion limit the use of metal. Rigid Vinyl Film accepts ink and color well, and embossing retention is exceptional. NIAM PLASTIC carries a wide range of colors, finishes, gauges in Rigid Vinyl Film. An experienced NIAM PLASTIC representative can help you select the features you need for any application.



Physical Properties	ASTM Test	Value
Density	DIN 53479	1.34-1.4 gr/cm ³
Impact Strength	DIN 53448	>300 Kj/m ²
Tensile Strength	DIN 53455	>48 N/mm ²
Thickness Range	DIN 53370	(150 - 300) ±4% mic (301 - 500) ±3% mic (501 - 800) ±2.5% mic (801 - 1200) ±2% mic
Shrinkage(TD/MD)	DIN 53460	(+2/-7)
Vapor Transmission	DIN 53377	3.0 gr/m ² x 24h
O ₂ Transmission	DIN 53122	12 cm ³ /m ² x 24 h x atm
VCM Content	GC	<1 PPM

