



SAFEGUARD 3.15 mil Cold Pressure Sensitive Adhesive (PSA) Laminating PVC Films.

These films are used to provide excellent abrasion & weather resistance as well as minor UV resistance. They reduce application time by making printed vinyl easier to handle and install. Always ensure printed output is dry or out-gassed before laminating.

Key Features & Benefits

- 80 micron monomeric Calendared PVC (Shrinkage 1- 2% without printed ink)
- Solvent based acrylic (permanent) pressure sensitive adhesive.
- Liner One side PE silicone coating, 100 gsm (64 lb.)
- Sizes 30", 38", 51", 54", 60" x 164'
- Finishes available - Gloss, Matte
- Lifespan: Outdoor up to 3+ years. Interior up to 5 years.
- Shelf Life: 1 year (stored up to 25°C and 50% relative humidity), in original packing

<i>Properties</i>	<i>units</i>	<i>Test method</i>	<i>Average value</i>
Thickness - film	µm	GB/T6672-2001	80±10
Weight- finished product	g/m ²	GB4669-1995	210±20
Gloss 60° (GLOSS LAMINATE)	%	GB8807-88	70min
Gloss 60° (MATTE LAMINATE)	%	GB8807-88	25 max
Initial Adhesion	N/25 mm	FINAT9	6min
180°Peel strength(steel,24h)	N/25 mm	FINAT1	10min
Holding power	H/25mm/1kg	GB/T4851-1998	48min
Dimensional stability MD	mm	FINAT14	1.5max
Dimensional stability CD	mm	FINAT14	1.0max
Elongation at break MD	%	GB/T1040.1-2006	120min
Elongation at break CD	%	GB/T1040.1-2006	100min
Tensile Strength at break MD	N/25 mm	GB/T1040.1-2006	45min
Tensile Strength at Break CD	N/25 mm	GB/T1040.1-2006	35min
Minimum application temperature	°C		+ 10
Temperature range	°C		-20 ~ +70

Test Method:

□ **Gross Degree:**

Use a triangle gloss tester ,setting 60°, given testing data is surface gloss of products.

□ **Initial adhesion:**

According to testing method (FTM-9,FINAT),remove release liner ,adhesive surface up ,make the specimen annular, to test peeling strength after a quick, complete touch between the specimen and glass.

□ **180°Peel strength(steel,24h):**

(FTM-1, FINAT) is measured by peeling a specimen at a 180° angle from a stainless steel or float glass panel, 24 hours after the specimen has been applied under standardized conditions. Initial adhesion is measured 20 minutes after application of the specimen.

□ **Dimensional stability:**

(FTM-14, FINAT)Is measured on a 150 x 150 mm aluminum panel to which a specimen has been applied.