

Technical Data Sheet



Date: 1st Sep 2019

Product Name: Non PVC Repositionable Satin Film

Product Code:-GSCM

Product Features

- For digital printing on Eco-solvent, Latex & UV.
- The dimensional stability is excellent which can be fixed on flat with rivals, corrugated surfaces like wall, box trucks, vehicles, bus etc.
- The product comes with grey back adhesive to hide the color of the substance on which the Paperlam product needs to be pasted.
- The ink absorbency is stable.
- The colour rendering is high.
- The stickness of solvent pressure-sensitive adhesive is stable and durable.
- Expected life performance of the vinyl is 15yrs for unprinted vinyl in interior application.

Technical data:

Property	Dimension	Value	Test Method
Grammage	g/m ²	300 ± 15.0	ISO 536
Caliper	µm	285 ± 20.0	ISO 534
Moisture	%	<3%	Inline
Adhesive Peel Strength	gf	200 ± 50	ASTM D1000 (180 Deg Peel against stainless steel)
Gloss (60°)	--	8.5 ± 3.0	Inline
R457	--	93.5 ± 5.0	Inline
Whiteness	%	129.0 ± 10.0	Inline
L*	--	90.5 ± 3.0	Inline
A*	--	2.0 ± 1.5	Inline
B*	--	-11.0 ± 2.0	Inline
Opacity	%	99.0 ± 1.0	ISO 2471

Printing and application environment

Printing environment:-The printing conditional is that the temperature is $23\pm 2^{\circ}\text{C}$,the relative humidity is 50%,the operate room is thoroughly cleaned from dust.The rolls need to be move to the operate environment from the warehouse before it is printed.

The moving time depends on the store temperature.Make sure the rolls temperature is same as the operate environment temperature.The rolls can be printed under 18°C - 28°C .Before the laminating job,it is better to preheat the printer to 30°C .In order to avoid any swelling behavior on the later combination with the ink must be thoroughly dry before laminate,edge cutting and pasting.

Application environment:

Application temperature: 18°C - 28°C .Relative humidity: 50 ± 5 :surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination which could affect the adhesion of the material.

Warranty Conditions:

1. The shelf life of the product is 3years.The vinyl product must meet the storage condition.
2. The material should be printed on compatible printing platforms and in appropriate weather condition.
3. Any defect in material if any should be registered within 1 week after material is delivered to the consignee.
4. Warranty on the material can be issued only by the company and not by the reseller of the material(Reseller/trader)