

ProLam

Product Description

Bonwyke's ProLam is a high performance grade, laminated self-adhesive vinyl intended for wall coverings. The high quality print film combined with matt overlaminate provides outstanding durability and performance.

ProLam is suitable for application on to flat or curved surfaces such as walls, retail signage, window graphics and vehicles.

Printed vinyl Description

Face Film

Face Film	Polymeric calendered PVC
Gauge	70 micron nominal
Tensile Strength	47N/25mm MD / 43N/25mm TD nom.
Elongation at break	180% MD nominal

Type	Permanent clear solvent-based acrylic
Weight	22gsm nominal
Adhesion to glass 20 mins	15N/25mm nominal
Adhesion to glass 24 hour	20N/25mm nominal
Perceived tack	Medium
Application temperature	+5°C to +60°C
Service temperature	-30°C to +110°C

Release Liner

Weight	140 gsm nominal
Type	Layflat kraft with PE coating

Finishes

Finishes Available	Clear Matt
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Roll Presentation

Roll sizes and net weights	760mm x 50m	11kg
	1370mm x 50m	20kg
	1520mm x 50m	22kg
	1600mm x 50m	23kg

Durability

Shelf Life	2 years
External weathering	7 years. This refers to the unprinted vinyl. Refer to ink manufacturer for durability of the finished product.
Fire Rating	Class B. BS EN 13501-1:2007
Chemical Resistance	Unprinted film resistant to mineral oils, fats and fuels, aliphatic solvents, mild acids, salt and alkali, eg. diesel oil, gasoline, paraffin, hydraulic oil, antifreeze, soap suds, etc.

Laminate Description

Face Film

Face Film:	Clear matt calendered vinyl
Gauge:	80 micron nominal
Tensile Strength	65N/25mm MD / 45N/25mm TD
Elongation at break	180% MD nominal
Shrinkage	Minimal

Adhesive

Type	Permanent pressure sensitive acrylic
Weight	20gsm nominal
Adhesion to glass 20 mins	15N/25mm nominal
Adhesion to glass 24 hour	20N/25mm nominal
Perceived tack	Medium
Shear strength	Medium to high
Application temperature	+5°C to +60°C
Service temperature	-30°C to +110°C

Light Transmission

Clear matt	85%
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Release Liner

Type	An advanced specially treated layflat kraft paper with high internal strength and PE coating
Gauge	145mym nominal
Weight	140 gsm nominal

Durability

Shelf Life	1 year
External weathering	7 years in vertical exposure under Northern European conditions
Fire Rating	Class B - classification compliant with BS EN 13501-1:2007

Please Note: The above data is given in good faith to provide an indication of the performance of the product. Customers should consider the suitability of each product for its intended use and the purchaser assumes all risks in connection with such use.