

PaperLam ACFL Acoustic Media

1. PRODUCT FEATURES:-

- For digital printing on UV
- The dimensional stability is excellent which can be fixed on flat surfaces like walls, floors, ceilings etc.
- The ink absorbency is stable
- The colour rendering is high.
- Expected life performance of the vinyl is 5yrs for unprinted media in interior application.

2. CHARACTERISTICS:-

Characteristic	Description
Colors	Matte
Film	Over Lamination
Printing Platform Compatibility	Solvent, Eco-Solvent, Latex and UV
Area	576 Sft,684 Sft,818 Sft
Application surfaces	Automobile, Interior &Architecture
width	1.07M x 50M,1.27M x 50M,1.52M x 50M

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.

3. INK COMPATIBILITIES:-

Solvent	Eco-solvent	Latex	UV
√	√	√	√

TECHNICAL DATASHEET

4. PERFORMANCE AND PARAMETERS:-

Technical Parameters	Physical properties	Testing Method
Width (CM)	160cm	
Light Transmission	T v < 17.0%	ASTM E 903
		UNI EN 410
UV Transmission	T uv < 5.00%	ASTM E 903
		UNI EN 410
Light Reflection	Pv< 75%	ASTM E903
Dimensional Stability	<1.5%	
Thickness	2.0 mm +/-0.50mm	
Base Fabric	100%PES	DIN EN ISO 2060
	1100 Dtex P1/1	Plain
Total Weight	1000 +/-10% g/m2	DIN EN ISO 2286-2
		BS 3424 Method 5A
Composition	200 g/m2	DIN EN ISO 2286-2
	5.88 OZ/YD2	BS 3424 Method 5B
Composition	800g/m2 PVC	DIN EN ISO 2286-2
coating weight	23.53 OZ/YD2	BS 3424 Method 5B
	Polyester + PVC	
Lacquering	PVDF/Acrylic V1/L1	Hontex Testing

TECHNICAL DATASHEET

Optional	One side Lac SL	Methods
Breaking Strength Warp 2500 N/5cm		DIN 53 354
tensile strength		BS 3424 Method 6A
	560	LBS/2inch
Elongation at Break	<30%	
Breaking Strength Weft 2500 N/5cm		DIN 53 354
		BS 3424 Method 6A
	560	LBS/2inch
Elongation at Break	<30%	
Tear Strength Warp	250 N	DIN 53 363
		BS 3424 Method
56	LBS	FS 5134
Tear Strength Weft	260 N	DIN 53 363
		BS 3424 Method
56	LBS	FS 5134
Seam Strength	100 N/5cm	DIN 53 357
	27 LBS/ 2 inch	BS 3424 Method 9B
Weldbility	Hi Frequency/Hot Air	FS 5970
Temperature resistance-40°C/+70°C		DIN EN 1876-2
		BS 3424 Method 10
Light Fastness	6-7	DIN 54004
(except white)		DIN EN ISO 877

TECHNICAL DATASHEET

		BS 3424 Method 15
Heat Insulation	<6.5	ASTM D 5470
	<6.5	W/mK
Acoustic Reduce	15 dB(A)	Sound >2000Hz
Noise reduction performance	10 dB(A)	2000Hz <Sound>800Hz
Per 3.0 mm	8 dB (A)	35<Sound<800 Hz
every 3.0 mm	5 dB (A)	Sound<35Hz
Anti Wicking (Option) Water Absorb Resist		<3MM per 24 Hours
Flammability (Optional)M2		NFP 92.503
optional	B1,B2,	DIN 4102
	S / L Scale	DIN 75200 / NFPA 701
		UNI 8456 8457

5. WARRANTY:-

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

6. IMPORTANT REMARKS:-

PAPERLAM Product Statements

- Based on reliable test data, knowledge, and experience.
- Includes average, minimum, and maximum values.
- Information provided without guarantee.
- Contact Storic Enterprise LLP for technical requirements.
- Customers should determine material suitability before use.

7. LIMITATION OF LIABILITY:-

- PAPERLAM disclaims all liability for incidental, special, consequential, direct, and indirect damages.
- Labor, non-PAPERLAM material charges, revenue loss, business possibilities, and goodwill are a few examples of this.
- The limited remedy offered in the PAPERLAM Graphics Warranties Data is the sole exception.
- For specific legal requirements, please refer to applicable laws.