

Utopia SV34 - Carbon Fibre (Bubble Free)



Product Information

Film:	170 Micron soft Polymeric embossed Vinyl
Adhesive:	Solvent Based Semi Permanent Acrylic
Liner:	120gsm silicon coated bubble free
Core:	76mm (3" inch)
Application Temperature:	- +15°C - + 60°C
Minimum Outdoor Life:	Up to 2 Years (Vertical)

Description

Utopia SV34 Carbon Fibre Film is decorative Carbon Fibre effect film. A soft polymeric vinyl film that is great for short term signage on flat applications only.

Applications

• Motor Vehicles (flat applications) • Laptops • Mobile Phones

Properties (Bare Film)	Standard	Test Method	Result
Thickness, mm	0.07 ± 0.01	ASTM-D-1593	0.17
Tensile Strength (kg/cm ²)		ASTM-D-882	MD: 2.01 CD: 1.84
Elongation (%)		ASTM-D-882	MD: 231 CD: 274
Tearing Strength (kkg/mm)		ASTM-D-1004	MD: 7.22 CD: 8.47
Dimensional Stability (%), shrinkage	<0.5	ASTM-D-2732	MD: -4.7 CD: 1.4
Adhesive power, S.S PSTC-1 (kg/in)			1.41

Properties (Adhesive Film)	Standard	Test Method	Result
Peel (n/25mm), for 20 mintes		ASTMD-1000 on stainless steel	1.12-1.26 11.86-12.35
Initial Tack (ballnp.7/cm)		JIS on stainless steel	3-5
Peel Adhesion to liner (g/25mm)		PSTC-1 30cm/min	3-4
Cohesion (min) holding power		PSTC-7	1430 ↑
Dimensional Stability (%) shrinkage 48hours at 70 °	<0.5	10cm x 10cm sample mounted on aluminum	MD 0 CD: 0
Surface Finish		gloss meter 60° reflection	
Coating Thickness	35 ± 2		35-37
Total Thickness with adhesive (mm)	0.230 ±0.01		0.108-0.109

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