Banner Substrates

Kavalan Sunlight 300 (Weldable) **PVC Free Banners FLM300**



Kavalan Sunlight 300 is lightweight, totally PVC and phthalate-free, biodegradable and 100% clean and banner substrate which replaces the usual PVC film coating with a unique, eco-friendly water based coating to create a reliable print-receptive layer. It can be used with UV or Latex inks for outstanding print quality and then, at the end of their useful life, they can be recycled without the use of solvents. Disposal is easy on the environment too – Kavalan can be incinerated without releasing harmful chemicals - in fact, we know of companies that are putting it into their 'waste-to-energy' stream - and if it goes into landfill, its water-based coating is fully biodegradable."





Premium



Composition: Woven polyester with a printable water-based coating.

PVC Free Banners, Billboard Skins & Hoardings, PVC Banner Main Applications:

Replacement.

Features: Strong, Lightweight, PVC & Phthalate Free

Benefits: Durable, Recyclable (Waste ~ Energy), Reducing Landfill, Non-toxic,

Reducing Freight Costs, Eco-Response

Surface Treatment:

Storage Conditions: Store at 10~25°C (50~77°F) and 50% relative humidity.

Shelf Life: 1 year from date of manufacture Remarks: FR Treated DIN 4102-B1



Quality & Testing

• RoHs and REACH Compliant (PVC Free)

Application

• PVC Free Banners, Billboard Skins & Hoardings.

Manufacturing

• ISO9001



• 300 ± 20 gsm



Up to 3200mm x 1830mm Sheet Sizes: Roll Widths (mm): Widths up to 5m in stock

Roll Lengths (mtrs):

Log Cutting: Available for 50m rolls only

Standard Core: 76mm ID

Sheet Cutting: Up to 3200mm x 1830mm





Up to 5 years



Up to 2 years



Certifications

• FR treated to DIN 4102-B1

Heavy Metal Free

Yes

Recyclable

• Yes - Waste into energy

Safety Compliance

• RoHS, Reach



Printing

Printable Sides:

Ink Suitability:

Method:

0.35 ± 0.02 mm Thickness: Weight: $300 \pm 20 \text{ gsm}$

Woven polyester with a printable PA coating. Composition:

Bothsides

Wide Format Digital Inkjet

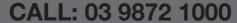
UV Cured & / or Latex

Gloss Level: Matt



Heat Resistance: + 90°C (DIN 53361) Cold Resistance: - 40°C (DIN 53361)



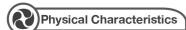




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Tearing Strength 37 / 35 Kg (DIN 53363) Flame Retardant Treated to DIN 4102-B1

Thickness $0.35 \pm 0.02 \; mm$ Weight $300 \pm 20 \text{ gsm}$

290 / 260 Kg/5cm (DIN 53354) **Tensile Strength**

Surface Tension 42 Dyne/cm3

Surface Finish Matt

| Cutting | \ |
|------------|--------------|
| Welding | \checkmark |
| Folding | / |
| Gluing | \ |
| Eyeletting | \checkmark |
| Stitching | \checkmark |
| Laminating | X |
| Bending | \checkmark |
| Routing | X |
| Punching | X |
| Drilling | \checkmark |
| Screwing | \checkmark |
| V-Grooving | X |

Finishing



