

FOAMALITE Ltd. has developed an improved FoamaLite foamed PVC sheet designed for demanding digital printing applications, screen printing applications and sign applications.

The product, FoamaLite Digiwhite, retains all the qualities of FoamaLite foamed PVC sheet including low weight and superior mechanical properties, while delivering a whiter and more uniform surface.

FoamaLite Digiwhite offers a high quality printing substrate for sharp, high quality printed images. The finished product can be displayed both inside and outdoors.

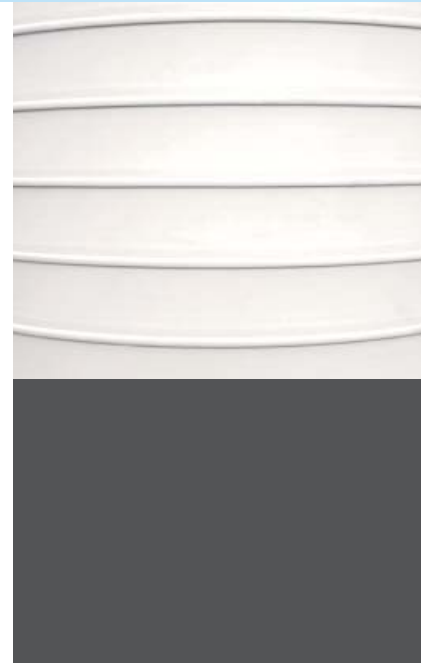
- Brilliant white surface
- Extremely smooth surface
- Suitable for detailed presentations
- Light weight, ideal for portable displays
- Fabrication friendly (easy to bend, cut, drill, glue)
- Weather proof, UV resistant and durable

AREAS OF APPLICATION

FoamaLite Digiwhite, with it's high quality surface and whiteness, allows digital print technology produce images of premier clarity for the following:

- Premium signs for both interior and exterior presentations
- POP (point of purchase) displays
- Hi-tech styled displays
- Three dimensional presentations

NB: Applies for screen printing also.



DELIVERY PROGRAMME (WHITE)

Thickness mm	2440 x 1220	3050 x 1220	3050 x 1560	3050 x 2050
2	•	•	•	•
3	•	•	•	•
5	•	•	•	•

PROTECTIVE FILM

- PE film on one side as standard

TOLERANCES

- -0 to +5mm on width
- -0 to +10mm on length
- +/- 5% on sheet thickness 2-6 mm
- +/- 5% on sheet thickness >6-12 mm

SPECIAL REQUIREMENTS ON REQUEST

- Additional thicknesses as required

PHYSICAL PROPERTIES OF FOAMALITE DIGIWHITE

TEST	TEST METHOD	UNITS	AVERAGE RESULT
Specific Gravity	In-House	g/cm ³	0.55-0.70
Determination of Water Absorption	ISO 62: Method 1	%	0.19
Tensile Strength at Yield	ISO R527	MPa	19.37
Elongation at Break	ISO R527	%	17.89
Flexural Modulus	ISO 176	GPa	0.903
Charpy Impact Strength	ISO 179	kJm ⁻²	1.43
Shore D Hardness	ISO 868	Value	63
Heat Distortion Temperature	ISO 75: Method A	°C	57.75
	ISO 75: Method B	°C	68.4
Coefficient of Linear Expansion	In-House	°C ⁻¹	0.498 x 10 ⁻⁶
Flame Spread Test	BS 476: Part 7	Class	1 ^Y
	France: NSP 92501,5		M-1
	Italy: D Come DA UNI 9176:1998		1
	Germany: DIN 4102		B1

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