

# FOAMALITE

FOAMALITE® premium FOAMALITE® X-press

## PHYSICAL PROPERTIES

CHARACTERISTIC	TEST METHOD	UNIT	FOAMALITE® premium	FOAMALITE® X-press
			AVERAGE RESULT	AVERAGE RESULT
Apparent density	DIN EN ISO 1183-1	kg/m <sup>3</sup>	550-700	450-550
Tensile strength	DIN EN ISO 527-1/2	MPa	<17	<9
Flexural modulus	EN ISO 178	MPa	<900	<600
Surface hardness	ISO 868	Shore D	50	40
Max. service temperature	-	°C	55	55
Coefficient of linear expansion	DIN EN ISO 75-2	mm/(m·K)	0.05	0.05
Water absorption	EN ISO 62	%	<1	<1
Behaviour in fire	EN 13501-1	Rating	C – s3 – d0 (difficult-to-ignite)	C – s3 – d0 (difficult-to-ignite)

FOAMALITE® is produced under stringent environmental and quality control procedures. Thus, the consistent quality of the product is achieved.

### ROHS DIRECTIVE

FOAMALITE® meets the requirements of the RoHS/WEEE directives of the European Union on the restriction of hazardous substances. FOAMALITE® foam sheets do not contain lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBBs), polybrominated diphenyl ethers (PBDEs), formaldehyde, CFCs, asbestos, plasticizer nor silicone.

### REACH REGULATION

FOAMALITE® meets the requirements of the current version of the European Union chemicals regulation (REACH). In particular, FOAMALITE® foam sheets do not contain any of the substances which are listed in the current version of the ECHA Candidate List of "Substances of Very High Concern" (SVHC).

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## THE DEPENDABLE SELECTION

FOR EXCELLENT PERFORMANCE.

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FOAMALITE Ltd.  
Loch Gowna, Co. Cavan, Ireland  
Phone +353-43-668 3525  
EMail info@foamalite.ie  
www.foamalite.ie  
part of 3A Composites



# FOAMALITE® premium

THE VERSATILE SHEET FOR ALL DISPLAY APPLICATIONS.

## PRODUCT

FOAMALITE® premium is a superior quality, extremely versatile PVC foam sheet. The combination of its low density and extremely good dimensional stability makes it the perfect display board for all structural applications. Thanks to the fine cell structure and smooth surface finish FOAMALITE® premium is the preferred choice of sign makers, exhibition contractors and professional printers throughout Europe. The improved surface hardness ensures reliable performance and excellent results. The robust surfaces and high durability make it also suitable for interior and exterior applications.

FOAMALITE® premium can be fabricated mechanically as well as thermoformed for three-dimensional applications. It is supplied as standard with polyethylene masking film on one side. The masking film removes cleanly revealing a smooth surface finish ideally suited for screen and digital printing applications.

### PROTECTIVE FILM

- PE film on one side as standard
- Protective PE film on both sides on request

## APPLICATIONS

- Signage & display panels
- POS / POP displays
- Screen printed panels
- Digitally printed displays
- Exhibition stands
- Shop fitting
- Wall cladding & partitioning
- Interior design

### FOAMALITE® premium – AT A GLANCE

- Universal sheet for all display applications
- Ideal for structural applications
- High dimensional stability
- Smooth surface finish with high surface hardness
- Robust sheet suitable for interior and exterior applications
- Easy processing
- Three-dimensional formability
- Difficult-to-ignite according to EN 13501-1
- Wide range of sheet sizes and thicknesses, special formats available on request

# FOAMALITE® x-press

THE PREFERRED CHOICE OF PRINTERS.

## PRODUCT

FOAMALITE® x-press is a light-weight and easy to use PVC foam sheet. Its white, smooth and even surface makes it the material of choice for outstanding printing results. Thanks to its degree of whiteness, FOAMALITE® x-press ensures a very high fidelity of colours. FOAMALITE® x-press sheets feature blemish-free surfaces with a consistently regular roughness that have been specifically designed for impeccable adhesion of UV curing inks.

Thanks to the good dimensional stability, FOAMALITE® x-press is suited for flat applications.

It is supplied as standard with polyethylene masking film on one side. The masking film removes cleanly revealing a smooth surface finish with no glue residues.

### PROTECTIVE FILM

- PE film on one side as standard
- Protective PE film on both sides on request

## APPLICATIONS

- Digitally and screen printed panels
- Short- and mid-term advertising campaigns
- Signage
- Ideal lamination substrate
- Flat applications

### FOAMALITE® x-press – AT A GLANCE

- Smooth white surface for excellent printing results
- "Ready to use"
- Optimal ink adhesion and colour fastness
- Good dimensional accuracy of the sheets
- Suitable for flat applications
- Difficult-to-ignite according to EN 13501-1
- Wide range of sheet sizes and thicknesses, special formats available on request

## PRODUCT RANGE

Colour: White

Thickness mm	1	2	3	4	5	6	8	10	13	15	19
Standard formats (WxL)											
1220 x 2440 mm	■	■	■		■			■			
1220 x 3050 mm	■	■	■	■	■	■	■	■	■	■	■
1560 x 3050 mm		■	■		■			■			
2050 x 3050 mm		■	■	■	■	■	■	■			

Tolerances: -0 to +5 mm on width and -0 to +10 mm on length.

## PRODUCT RANGE

Colour: White

Thickness mm	2	3	4	5	6	8	10
Standard formats (WxL)							
1220 x 2440 mm	■	■		■			■
1220 x 3050 mm	■	■		■			
1560 x 3050 mm	■	■		■			■
2050 x 3050 mm	■	■	■	■	■	■	■

Tolerances: -0 to +5 mm on width and -0 to +10 mm on length.