



Engineering Grade

Series 700

Retro-reflective sheeting which has a 7 year performance life.

Ideal for permanent traffic signs, temporary traffic control devices, and other type of safety devices requiring high visibility, legibility and durability. Meets and exceeds the requirements of BS EN 12899-1:2008.

YSL M-Lite®

YSL M-Lite® is high performance, durable retro-reflective material intended for use on permanent traffic control signs, delineators, and other traffic control devices such as signage.

It's unique microglass bead construction using **mbead®** clearview component provides an extremely high level of reflectivity.

The **YSL M-Lite®** retro-reflective sheeting delivers high contrast reflectivity values. This provides longer distance visibility for drivers to view, recognise and manoeuvre accordingly.



Viz Reflectives



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YSL M-Lite® Series 700 Features

Properties: An enclosed lens material which has excellent retro reflective properties and a 7 year performance level. Available in a range of 6 colours.

Application: Ideal for Permanent traffic signs - Fixed and temporary signs, barricade, traffic calming schemes and directional signs. Commercial signage - Site development signs, Industrial estate signs, information panels, corporate identity and advertising signs. Certified to meet BS EN 12899-1:2008 Fixed, vertical road traffic signs - Part 1. Fixed signs for daylight appearance of retro-reflective signs; coefficient of retro-reflection; corrosive resistance; impact resistance.

YSL M-Lite® 700 Acrylic

Good flexibility, tearable can be screen printed, jet printed & excellent for computer cutting, excellent durability.

The Viz Group

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Engineering Grade

Series 700 Product & Application Data

Product Codes		700 Series		White	Yellow	Red	Green	Blue	Orange
				7201	7202	7203	7204	7205	7206
				Minimum Coefficient of retro-reflection cd/lux/m²					
Series	Type of Adhesive	Observation Angle	Entrance Angle	○ White	● Yellow	● Red	● Green	● Blue	● Orange
700	Pressure Sensitive	0.2°	-4° 30°	80 30	50 22	14 6.0	9 3.5	4 1.5	- -
		1°	-4° 30°	5 2	3 1.5	2 0.6	1 0.4	0.6 0.2	- -
Roll Specifications		Width	Length	Roll Weight		Box Dimensions			
Imperial		48"	50 yards	59.5 lb		53.1" x 7.9" x 7.1"			
Metric		1.22 metres	45.7 metres	27 kg		135 cm x 20 cm x 18 cm			
Other sizes available:		30" 0.762 metres	50 yards 45.7 metres						
		36" 0.914 metres	50 yards 45.7 metres						
		30" 0.762 metres	100 yards 91.4 metres						

Adhesive sheet base material

YSL M-Lite® reflective sheeting is suitable for use on aluminium, steel and rigid PVC base boards. For best results treated aluminium base boards are recommended. When using a plastic base board it is suggested that the adhesion is tested on a small area before application.

Adhesion temperature

The temperature of both the base board and the YSL M-Lite® sheeting should be synchronized to 18°C or above, with the optimum temperature being 20° - 25°C.

Application method

In a clean environment, cut the reflective sheeting according to the board size. For large surface areas, machine application is recommended. Smaller areas can be hand-applied. After fixing in position use a squeegee to remove bubbles and wrinkles from the sheeting.

Storage

YSL M-Lite® reflective sheeting should be stored in a clean, well ventilated environment. The optimum temperature for storage is 15° - 30°C with a humidity of 30-60 %. Unused rolls should be tightened and re-wrapped. All rolls should be stored horizontally to avoid compression and stored out of direct sunlight.

Usage of the product

YSL M-Lite® reflective sheeting has a wide variety of applications. These include road, aviation and railway signage, advertising decoration and so on. Each grade of YSL M-Lite® reflective sheeting offers long term reflective performance and weather resistance. For the individual performance criteria please refer to the material data sheets.

For further information on product usage see the YSL M-Lite® application manual.

Products available

Series	PRODUCT DETAILS					APPLICATION					SUBSTRATE			PRINTABLE	
	Product Code	Substrate	Colour - Other colours available	Product Lifespan years	BS EN 12899-1 2008	Temporary Signage	Temporary Barriers	Advertising Signage	Fixed Permanent Signage	Road Cones and Delineators	Tearable	Non-Tearable	CAD CUT	Ink Jet	Screen Printable
300 Promotional Grade	3100	PET	○●●●●●	-	-	✓	✓	✓	-	-	-	✓	-	-	✓
	3100A	PET/Acrylic	○●●●●●	3	-	✓	✓	✓	-	-	-	✓	-	-	✓
	3200	Acrylic	○●●●●●	-	-	✓	✓	✓	-	-	✓	-	✓	-	✓
500 Engineering Grade	5100	PET	○●●●●●●●	5	-	✓	✓	✓	✓	-	-	✓	-	-	✓
	5200	Acrylic	○●●●●●●●	-	-	✓	✓	✓	✓	-	✓	-	✓	-	✓
700 Engineering Grade	7200	Acrylic	○●●●●●	7	✓	✓	✓	✓	-	✓	-	✓	-	✓	
1000 High Intensity Grade	1100	PET	○●●●●●●●	7	-	✓	✓	✓	✓	-	-	✓	-	-	✓
	1200	Acrylic	○●●●●●●●	10	✓	✓	✓	✓	-	✓	-	✓	-	✓	✓
	1800	PVC	○●	3	-	✓	✓	✓	-	✓	✓	-	-	✓	✓

Other colours available