



High Intensity Grade

Series 1000

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.

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 1100 PET Features

Properties: excellent retro-reflectivity, Long-life span, excellent ductility. Can be printed, coated or die cut.

Retro-reflective sheeting which has a 7 & 10 year performance life.

Application: Ideal for permanent traffic signs, temporary traffic control devices, traffic calming schemes and advertising signage.

Good flexibility, non-tearable can be screen printed, jet printed and Excellent for computer cutting, excellent durability.

The Viz Group

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High Intensity Grade

Series 1000 Product & Application Data

Product Codes		Performance Life	White	Yellow	Red	Green	Blue	Orange	Brown
		7 year	1101	1102	1103	1104	1105	1106	1107
		Minimum Coefficient of retro-reflection cd/lux/m²							
Series	Type of Adhesive	Observation Angle	Entrance Angle	○ White	● Yellow	● Red	● Green	● Blue	● Brown
1000	Pressure Sensitive	12°	5°	250	170	45	45	20	12
		20		180	120	25	21	14	8
		2		5	3	1	0.5	0.2	0.2
		12°	30	150	100	25	25	11	8.5
		20		100	70	14	12	8	5
		2		2.5	1.5	0.4	0.3	#	#
		12°	40	110	70	15	12	8	5
		20		95	60	13	11	7	3
		2		1.5	1	0.3	0.2	#	#

= a value greater than zero but not significant or applicable

Roll Specifications	Width	Length	Roll Weight	Box Dimensions
Imperial	48"	50 yards	55 lb	53.1" x 7.9" x 7.1"
Metric	1.22 metres	45.7 metres	25 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 steel, aluminium 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 signs, aviation and railway signage, cars, trucks, ships and other vehicles.

Our reflective sheeting can provide long term reflective performance and weather resistance properties.

Products available

Series	PRODUCT DETAILS					APPLICATION					SUBSTRATE			PRINTABLE	
	Product Code	Substrate	Colour	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	○●●●●●	3	-	✓	✓	✓	-	-	-	✓	-	-	✓
	3100A	PET/Acrylic	○●●●●●	-	-	✓	✓	✓	-	-	-	✓	-	-	✓
	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	-	✓	✓	✓	-	✓	✓	-	-	✓	✓