



Engineering Grade

Series 500

Retro-reflective sheeting which has a 5 year performance life.

Ideal for many types of commercial signs and decals which require conformance to the higher requirements of traffic control devices.

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



The Yeshili Group

Zhejiang Fangyuan Yeshili Reflective Material Co Ltd.
No 292 Donghai Street,
Economic Development Zone,
Taizhou City 318000, Zhejiang, China
T : 86 576 88209742
F : 86 576 88205396
E : ysl@chinaysl.com

Taizhou Fangyuan Reflective Material Co., Ltd.
West 3 Road, Chengguan,
Xianju, Zhejiang, China
T : 86 576 87726971
F : 86 576 87726972
E : yuki@yslreflectives.com

YSL M-Lite® Series 500 Features

Properties: An enclosed lens material which has excellent retro-reflective properties and a 5 year performance level. Available in a range of 7 colours.

Application: Ideal for Traffic Signage - Fixed permanent signs, temporary road signs, barricade and directional signs. Commercial Signage - Car parks, Industrial estate signs, Architectural signs, Notice boards, Information panels and corporate identity and advertising signage.

Available in PET and Acrylic.

YSL M-Lite® 500 PET

None tearable, can be screen printed with PET Type inks.

YSL M-Lite® 500 Acrylic

Tearable, can be screen printed, Ink-Jet printed and is excellent for computer cutting and has excellent durability.

The Viz Group

Viz Reflectives
Unit 4, Tricketts Lane, Nantwich,
Cheshire CW5 6PZ
T : + 44 (0)1270 650826
F : + 44 (0) 560 3438746
E : info@viz-group.com

Viz Europe s.r.l.
via A. Berlese,1 24124 Bergamo, Italy
T. +39 035 36 25 10
F. +39 035 36 25 04
E : vizeuropa@vizeuropa.com

Engineering Grade

Series 500 Product & Application Data

Product Codes		White	Yellow	Red	Green	Blue	Orange	Brown
		500 PET Series	5101	5102	5103	5104	5105	5106
500 Acrylic Series		5201	5202	5203	5204	5205	5206	5207

		Minimum Coefficient of retro-reflection cd/lux/m ²							
Series	Type of Adhesive	Observation Angle	Entrance Angle	○ White	● Yellow	● Red	● Green	● Blue	● Orange
500	Pressure Sensitive	0.2°	-4°	80	50	14	9	4	-
			30°	30	22	6.0	3.5	1.5	-
500	Pressure Sensitive	1°	-4°	5	3	2	1	0.6	-
			30°	2	1.5	0.6	0.4	0.2	-

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"	50 yards		
	0.762 metres	45.7 metres		
	36"	50 yards		
	0.914 metres	45.7 metres		
Other sizes available:	30"	100 yards		
	0.762 metres	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, 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	○●●●●●	3	-	✓	✓	✓	-	-	-	✓	-	-	✓
	3100A	PET/Acrylic	○●●●●●	3	-	✓	✓	✓	-	-	-	✓	-	-	✓
	3200	Acrylic	○●●●●●	3	-	✓	✓	✓	-	-	✓	-	✓	-	✓
500 Engineering Grade	5100	PET	○●●●●●●	5	-	✓	✓	✓	✓	-	-	✓	-	-	✓
	5200	Acrylic	○●●●●●●	5	-	✓	✓	✓	✓	-	✓	-	✓	-	✓
700 Engineering Grade	7200	Acrylic	○●●●●●●	7	✓	✓	✓	✓	-	✓	-	✓	-	✓	
1000 High Intensity Grade	1100	PET	○●●●●●●	7	-	✓	✓	✓	✓	-	-	✓	-	-	✓
	1200	Acrylic	○●●●●●●	10	✓	✓	✓	✓	-	✓	-	✓	-	✓	✓
	1800	PVC	○●●	3	-	✓	✓	✓	-	✓	✓	-	-	✓	✓