

Product Guidance

We, Reflomap Co., Ltd, as the leader of Reflective Soft Microprism Film in roll type, has developed wider width, 122cm of GLODIAN™ RGR-W which is much more useful than the previous RGR in 45cm. You do not need to joint the sheets any more to make larger size. Reflomap GLODIAN™ RGR-W in 122cm will be the best solution now.

It results in improved productivity of processing into the large size of cone sleeve, the banner & flex for the advertisement, HF welded products such as tape, label, snap band, etc.

1. Color

12 colors are available and custom colors are also available.

Item	Color	Item	Color
RGR-W-01	WHITE	RGR-W-07	RED
RGR-W-02	F.YELLOW	RGR-W-08	F.GREEN
RGR-W-03	YELLOW	RGR-W-10	SMOKY-BLUE
RGR-W-04	F.ORANGE	RGR-W-11	BLUE
RGR-W-05	ORANGE	RGR-W-13	F.PINK
RGR-W-06	F.ORANGE-RED	RGR-W-14	MAGENT A

2. Reflective Performance

The Retroreflective performance is measured in accordance with the procedure defined in CIE 54:1982. Measures values are averages taken from 90° orientation, apart unless stated differently. The 0° orientation is to be taken as downweb of REFLOMAX supplied rolls.

The values are stated as coefficients of Retroreflection, R_A and the unit is cd/lux/m².

Item	Obs. Angles	Ent. Angles	Typical R_A
RGR-W-01 (w/o PET)	0.2°	-4°	400
RGR-W-02 (w/o PET)	0.2°	-4°	300

The above value is based on the initial performance. As RGR series is made with soft prism structure, we do not guarantee the reflective value after shipment.

3. Size and Packing

Roll Size : 122cm x 50m
 Packing : One roll per one carton box
 Weight : 21kg per one box
 Standard Box Size: 1,305x230x240mm

SQ.M per Roll : 61 m²

4. Heavy Content

Heavy Metal's Content (ENV 1122) : mg/kg,ppm	Test Result
CADMIUM(Cd)	<15.0
Lead(Pb)	<1.0

Element	BS EN71 Part 3		Test Results (mg/kg,ppm)
	Any Toy	Material Modeling Clay	
Antimony(Sb)	65	60	<0.1
Arsenic(As)	25	25	<0.1
Barium(Ba)	1000	250	<5.0
Cadmium(Cd)	75	50	<0.1
Chromium(Cr)	60	25	<0.1
Lead(Pb)	90	90	<0.1
Mercury(Hg)	60	25	<0.1
Selenium(Se)	500	500	<0.1

Note) The sample was extracted by use of 0.07N HCl for 2 Hours at 37°C

5. Care Instruction

- Machine Wash, 60°C (140°F)
- Do not Bleach
- Do not Iron
- Do not Dry-Clean

6. Storage

Store in a cool dry area and use within 2 years after date of receipt.
 Store rolls in their original shipping cartons.
 Partially used rolls should be returned to their shipping carton

7. Note

Technical data can be changed with product improvement. The above data are the average of test results at the normal test condition.

While the use of reflective material does greatly enhance visibility, no reflective material can assure absolute visibility, particularly in adverse weather conditions. Performance will vary depending upon actual use, exposure conditions and maintenance. Users should test reflective material to satisfy conformance to their own requirement.