

Glodian™ VC104

Glodian™ Vehicle Conspicuity tape for ECE 104

Glodian™ VC104 series is safety marking tape for trucks and trailers with rigid surfaces. It provides excellent reflectivity which enhances night time safety and it is designed for easy application and durability. Glodian™ VC104 is perfect solution for various type of trucks and trailers with both metalized and sealing types and customized logo printing on tape is available for various customer's request. The metalized type consists of vacuum deposition of aluminum coated micro-prisms with a pressure sensitive adhesive and clear poly liner. The sealing type consists of micro-prisms, sealed and backed with a pressure sensitive adhesive and clear poly liner. Glodian™ complies with the requirements of the ECE 104 Class C.

Main application

Vehicle marking tape for trucks and trailers

Feature

Easy to handle and apply, thin and flexible

Providing 10 years of field performance

Metalized and sealing types with edge sealed are available

Providing Edge sealed technology for sealing type

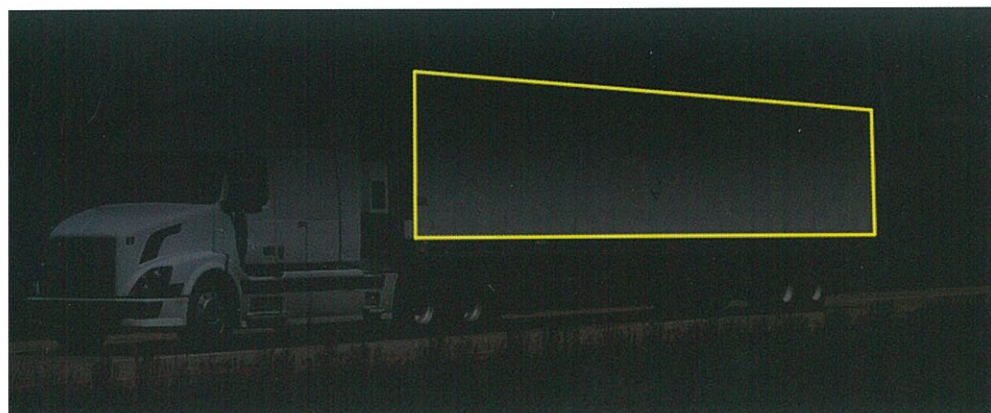
Customized logo printing is available at customer's request

Size : 2inch x 50yd per 1roll as standard

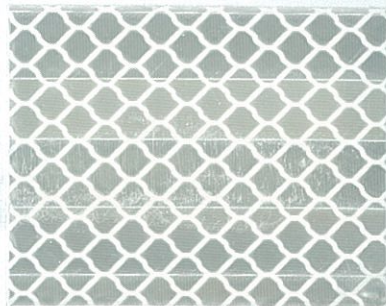
Packing : 430mm x 410mm x 260mm per 1box (16 rolls)

G.weight : about 24kgs per 1box

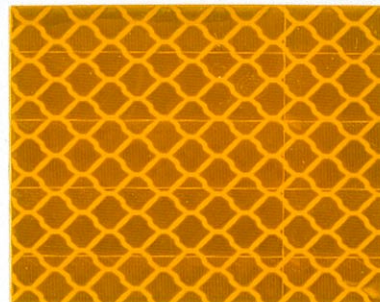
For further information, visit www.reflomax.com or send an e-mail.



VC104H
White



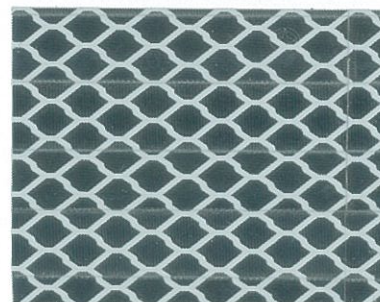
VC104H
Yellow



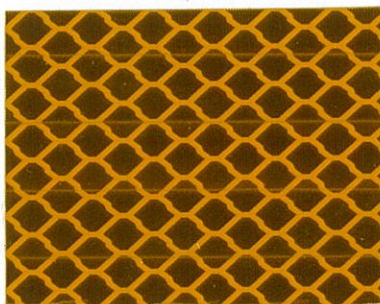
VC104H
Red



VC104M
White



VC104M
Yellow



VC104M
Red

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Product Guidance

1. Retroreflective Performance

The coefficients of retroreflection (R_A) shall be determined in accordance with ASTM E810, and per ASTM E810 the values of all rotation are determined the R_A . The values in Table A are minimum coefficients of retroreflection expressed in candelas per lux per square meter ($cd/lux/m^2$).

TABLE A. The Minimum Coefficient of Retroreflection R_A

COLOR	Observation Angles	Entrance Angles (β_2)	R_A
White	0.2°	5°	450
		30°	200
		40°	95
		60°	16
Yellow	0.2°	5°	300
		30°	130
		40°	75
		60°	10
Red	0.2°	5°	120
		20°	60
		30°	30
		40°	10

Physical Properties

The following technical information should be considered typical only and should not be used for specification purposes.

Property	REFLOMAX GLODIAN CONSPICUITY TAPE Typical Value
Thickness	Sealing Type - 370~400µm Metalizing Type - 330~370µm
Flexibility Wrap around 0.125" mandrel@32°F(0°C)	NO Cracking
Min. Application Temperature	60°F(15°C)
High Pressure Wash Test 45°angle, 1200psi, 8" distance	No effect
Adhesion 90° Hanging Weight, ASTM D4956	Less than 2 movement
Peel Adhesion 12inch/minute, 180°, peel angle	Degreased aluminum : 0.94 kg/cm
Chemical Resistance	Not effected by toluene, #2 diesel fuel, TSP Detergent, xylene
Corrosion Resistance ASTM B-117 5% Salt spray for 1000hours	No effect

2. Maintenance

Regular cleaning is recommended for maximum performance. The following cleaning methods are recommended.

- 1) Wash with sponge, cloth or soft brush using water and detergent.
- 2) Automatic truck/car wash or standard high- pressure hand spray:
 - Maximum Pressure – 1200 psi
 - Maximum wash temperature - 140°F(60°C)
 - Water jets must be a minimum of 12" from the Conspicuity Tape
 - Spray water jets at no greater angle than 45° from the surface

3. Substrates

The application of REFLOMAX GLODIAN™ VC 104 Conspicuity Tape Series is limited to properly prepared metal and painted metal substrates. Uses are urged to carefully evaluate, under actual use conditions, any film application to other substrates. For painted surfaces follow manufacturer's recommendations for drying and curing. Failure of film caused by other substrates, materials, contamination, or improper surface preparation is not the responsibility of REFLOMAX.

4. Storage

Store in a cool dry area, preferably at 18°~25° and 30%~50% relative humidity and use within 1 year after date of receipt.

Store rolls in their original shipping cartons. Partially used rolls should be returned to their shipping carton.

5. General Performance Considerations

REFLOMAX GLODIAN™ VC104 Conspicuity Tape Series will provide maximum durability as following.

- REFLOMAX recommended procedures are followed.
- Conspicuity tape is applied to vertical surfaces.
- Durability can be reduced if recommended techniques are not followed:
- Failure to cut markings around rivets, seams and body are panels.
- Improper use of high pressure cleaning.
- Spillage of chemicals or solvents.
- Improper application or surface preparation.