

PANAMAX[®]
WE MAKE THINGS STICK

ENSURING VEHICLE VISIBILITY



VEHICLE
REFLECTING
MARKINGS

With
PENTACLE
advantage



Safety Matters the Most!

Road safety in India is a critical concern, with over 150,000 lives lost every year to road accidents. A major cause of these accidents is the low visibility of vehicles, especially during nighttime or in adverse weather conditions. The absence of safety reflective markings on vehicles significantly increases the risk of collisions, making roads unsafe for drivers and pedestrians alike. Despite numerous initiatives, India is still struggling to implement effective measures to address this issue and create safer driving environments. The problem is further aggravated in rural and poorly lit areas, where the visibility of vehicles is almost negligible.

Panamax: Innovating Road Safety with Retroreflective Tapes

Recognizing this critical need, Panamax, a trusted name in adhesives and tapes, has introduced cutting-edge retroreflective Tapes to improve road safety. Designed to boost vehicle visibility in low-light conditions, these tapes significantly reduce the likelihood of accidents, especially in poor light or high-traffic areas. With a steadfast commitment to safety and innovation, Panamax is helping India achieve safer roads. Their retroreflective tapes are engineered to meet international safety standards, offering a durable and effective solution for a pressing issue.

With PENTACLE advantage

Compliance: Meets ISO/IEC 17021 - 1: 2015 regulation



Certification: Approved by I-CAT and adheres to AIS-090 standards for horizontal and vertical applications.

Design: Next-gen micro-prismatic marking for optimal brightness and visibility.

Durability: Highly UV-stable, weather-resistant, and edge-sealed for water and dustproof performance.

Performance: Offers excellent daytime brightness, strong adhesion, and high reflectivity in all weather conditions.

Specifications

- Approved by I-CAT
- Complies both Horizontal and vertical Orientation as per AIS-090 Standard
- Next-Gen Micro Prismatic Marking Design
- Very Strong adhesion to body surface
- High reflectivity/ visibility
- Excellent daytime brightness
- High UV stability
- Weather Resistant
- Ultrasonic Lamination of film layers (water & dustproof)



Applications

Reflective Tape: A Versatile Tool for Enhancing Safety and Visibility

Vehicles: Reflective tape enhances vehicle visibility and helps prevent collisions. It should cover at least 50% of the vehicle's length and be positioned 15 to 60 inches above the road surface.



Boats and Ships: Using reflective tape on the decks and exterior surfaces of boats and ships enhances visibility, helping to avoid accidents in marine environments.



Technical Features

FEATURES	WHITE	YELLOW	RED
Product Code	PMX 1041C	PMX 1042C	PMX 1043C
Color	WHITE ■	YELLOW ■	RED ■
Thickness	450 mic (+-) 5%	450 mic (+-) 5%	450 mic (+-) 5%
Product Type	Micro Prismatic Tape		
Adhesive	Clear & Pressure Sensitive	Clear & Pressure Sensitive	Clear & Pressure Sensitive
Durability	3-5 years	3-5 years	3-5 years
Storage	18-24 °C	18-24 °C	18-24 °C
Relative Humidity	30%-50% (1 yr)	30%-50% (1 yr)	30%-50% (1 yr)

Easy to use

Strong clear pressure sensitive adhesive

Easy to remove liner

Easy to cut & paste

Available in standard rolls size of 50 mm x 50 mtr.



Reflective Contour Marking Guide

Contour markings should cover at least 80% of the total length and width of a vehicle or trailer and should be positioned as close as possible to the edges. Two options are available for contour markings: full contour markings, which outline the entire perimeter, or partial contour markings, which represent the minimum required standard.

Position on vehicle	Colours
Front	White ■
Sides	Yellow ■
Rear	Red ■

Contour Marking



*Bonding Innovation, Strength, and Reliability,
'Panamax' - a trusted partner in Adhesive Solutions.*

Established in 1996, Panamax Limited has emerged as a trusted leader in adhesive tape solutions. Specializing in customized products, the company serves diverse industries, including Automotive, Electronics, Construction, and Renewable Energy. Renowned globally, Panamax is recognized for its unwavering commitment to innovation, quality, and precision.

With certifications such as ISO 9001:2015, ISI, and RoHS, Panamax's products adhere to the highest quality standards, delivering exceptional performance. The company prioritizes customer success by ensuring timely delivery, unmatched quality, and strong partnerships, exemplifying its mission to foster mutual growth and excellence.

Industry Certifications:



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