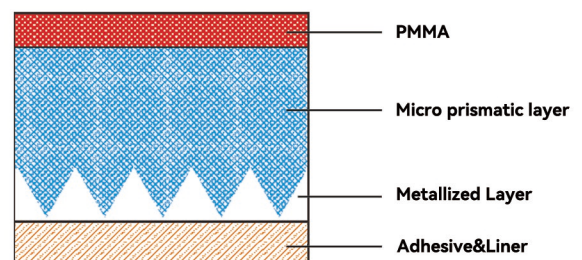




## Description:

Outstanding long distance nighttime visibility. Pressure wash capable, highly resistant to most industrial cleaning processes, No edge sealing required. Due to the reflective material, the panel can easily be recognized at night or in other poor light conditions.

## Structure



### DM9600 C3

Rear Marking Plates

**Durability:** 7 years

**Standard:** India: AIS: 089, European: ECE70.01

**Application:** Trucks and Tractors

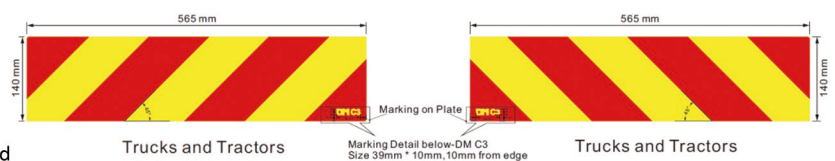
**Available size:** 140mm\*565mm

**Strip Angle:** 45°

**Available designs:** Alternative strips pattern, Screen printed red on yellow retro-reflective films, Self-adhesive film

**Color:** Yellow retro-reflective/Red retro-reflective (Micro prism)

**Substrate:** Aluminum, 1 mm thick



### DM9600 C4

Rear Marking Plates

**Durability:** 7 years

**Standard:** India: AIS: 089, European: ECE70.01

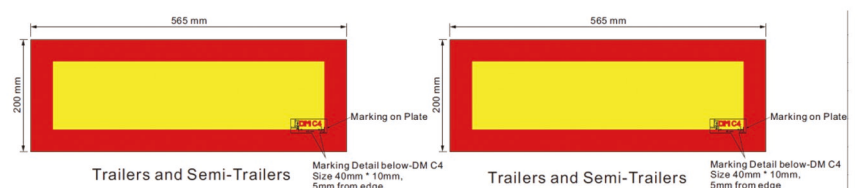
**Application:** Trailers and Semi-Trailers

**Available size:** 200mm\*565mm

**Available designs:** Red border and yellow center, screen printed red ink on yellow retro-reflective film, Self-adhesive film

**Color:** Yellow retro-reflective/Red retro-reflective (Micro prism)

**Substrate:** Aluminum, 1 mm thick



## Adhesive

The adhesive is protected by a release paper, which shall be removed by peeling, without soaking in water or other Solvents. A 25 mm strip shall provide a bond such that it shall support a 800 g weight for 5 minutes without the strip Peeling for a distance of more than 50 mm when applied to a smooth aluminum surface as specified in the standard adhesion test.

Color Test of Retro-reflecting device by CIE standard illuminate D65			
Yellow:			
Color	Specified Values	Measured Values	
Co-ordinates	(Color - Yellow)	Sample No.01	Sample No.02
X Coordinate	0.427 to 0.545	0.4897	0.4884
Y Coordinate	0.423 to 0.534	0.4407	0.4409
Luminance factor	$\geq 0.16$	0.19	0.19
Red:			
Color	Specified Values	Measured Values	
Co-ordinates	(Color -Red)	Sample No.01	Sample No.02
X Coordinate	0.569 to 0.690	0.6086	0.606
Y Coordinate	0.310 to 0.345	0.3238	0.324
Luminance factor	$\geq 0.03$	0.07	0.07

Photometric Specification						
Yellow color (Retro reflective)						
Area considered =150mmX100mm						
Sr. No.	Observation angle (α)in degrees	Entrance Angle		Required values  (cd /m <sup>2</sup> /lx)	Measured Values  (cd /m <sup>2</sup> /lx)	
		β1	β2		Sample No.01	Sample No.02
1	1/3°(20')	0	5	300	349.333	348.667
2		0	30	180	191.333	189.333
3		0	40	75	81.067	79.533
4		0	60	10	12.36	11.82
Red color (Retro reflective)						
Area considered =150mmX100mm						
Sr. No.	Observation angle (α)in degrees	Entrance Angle		Required values  (cd /m <sup>2</sup> /lx)	Measured Values  (cd /m <sup>2</sup> /lx)	
		β1	β2		Sample No.01	Sample No.02
1	1/3°(20')	0	5	10	113.333	110.167
2		0	30	7	50.667	48
3		0	40	4	25.05	23.517