



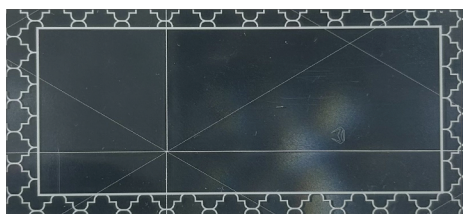
Conspicuity Marking Tape

DM ECE104 Approved Conspicuity Markings Tape Series DM9600 are highly Retroreflective Microprismatic marking tapes designed for application to the rugged outdoor use on the sides and rear of trucks, trailers for enhanced visibility and detection. The reflective marking tape consists of prismatic lenses that are formed in a transparent, synthetic resin and backed with a pressure sensitive adhesive and clear release liner.

Film Logo Pattern(Customizable)



Custom your logo and branding on the tape

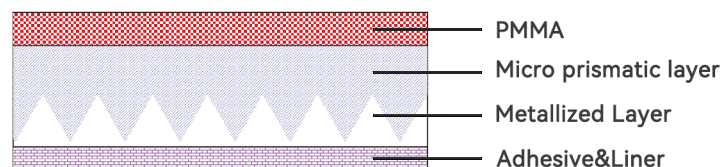


Series DM9600

Properties: DM9600 series conspicuity marking tape only has a metallized layer and no edge sealing required. It has high visibility at night with excellent retroreflectivity. The PMMA overlay provides the tape a durability of more than 7 years.

Application: DM9600 conspicuity marking tape is approved to Regulation ECE 104 Class C. It can be applied to trucks, trailers, other heavy and long vehicles etc.

Structure



Product recommended

Series	Colour	Item no	Typical uses& Suitable surface
Rigid	White	DM9610 Rigid	Continuous rigid tape Suitable for flat, rigid surfaces
	Yellow	DM9620 Rigid	
	Red	DM9630 Rigid	
Curtain	White	DM9610 Curtain	Continuous flexible tape Suitable for truck canvas and curtain side
	Yellow	DM9620 Curtain	
	Red	DM9630 Curtain	
Tanker	White	DM9610 Tanker	Segmented tape 50mm*160mm/piece Suitable for tanker surface
	Yellow	DM9620 Tanker	
	Red	DM9630 Tanker	
Segmented	White	DM9610 Segmented	Flexible, segmented tape 50mm*50mm/pie Suitable for truck canvas and curtain side
	Yellow	DM9620 Segmented	
	Red	DM9630 Segmented	

Retroreflectivity

DM9600 conspicuity marking tape complies with the minimum reflectivity requirements of Regulation ECE 104 Class C. When illuminated with CIE standard illuminant A and measured with the provisions of CIE No. 54, the coefficient of retroreflection for DM9600 conspicuity marking tape shall be not less than the values in Table as below:

Coefficient of Retroreflection (cd/lx/m²)

Observation angle	Entrance Angle (β)				
	Beta 1 (β1)	0°	0°	0°	5°
20' (0.33°)	Beta 2 (β2)	5°	30°	40°	60°
White	R'	450	220	90	16
Yellow	R'	300	130	65	10
Red	R'	120	60	30	-

Table 1

Daytime colour specification and Luminance

Table 2- Chromaticity coordinates (DIN6171:2003-08)								
Colour	1		2		3		4	
	x	y	x	y	x	y	x	y
White	0.373	0.402	0.417	0.359	0.450	0.513	0.548	0.414
Yellow	0.585	0.385	0.610	0.390	0.520	0.480	0.505	0.465
Red	0.720	0.258	0.735	0.265	0.665	0.335	0.643	0.335

Table 2

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 aluminium surface as specified in the standard adhesion test.

Application Instructions

Material must be applied when the air and surface temperature is between 15° C and 38° C to assure proper adhesive bonding. Surfaces must be cleaned for all grease, oil and dirt. Use a clean towel and isopropyl alcohol or similar to wipe the surface before application. If any air bubbles are trapped, use a pin to puncture the bubble and squeegee to push the air towards the pin hole. Please contact DM sales team for complete application instructions.

Maintenance and Cleaning

Hand wash with sponge, cloth, or soft brush using warm water and detergent. The cleaner must be wet, non-abrasive, without strong solvents and have a pH value between 3 and 11 (neither strongly acidic nor strongly alkaline). Rinse thoroughly.

To remove grease, oil, or tar, use cloth moistened with heptane, VM&P naphtha or mineral spirits. Wash with detergent and water then rinse thoroughly.

Using high pressure cleaning equipment, the following conditions should be applied:

- Maximum pressure 80 bar
- Maximum temperature 60°C
- Minimum of 1 metre distance of cleaning jet from sheeting surface
- Cleaning wand to be held at no greater angle than 15 degree from perpendicular to the sheeting surface
- Wide spray pattern

Storage and Shelf Life

The combined shelf life as processed and unprocessed marking tapes cannot exceed 2 years from the date of receipt from DM. However, the tapes must be used within 1 year of processing even if the combined shelf life is less than 2 years.

Store the tape in a clean, dry area and away from direct sunlight.