

VEHICLE CONSPICUITY MARKINGS

for greater visibility

**REFLECTIVE TAPES
DESIGNED TO MEET FMCSA REQUIREMENTS
FOR VEHICLE CONSPICUITY**



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for greater visibility



Heskins reflective conspicuity markings are designed to enhance visibility and detection. Available in kits to suit most common vehicle configurations Heskins vehicle conspicuity markings are ideal for marking the sides and rear of the vehicle to meet FMCSA conspicuity requirements for commercial vehicles.

In fact, in many ways our products go further - exceeding the requirements in several key areas to give great reflective performance and long in-service lifespan.

Glass beads laminated between layers of film form a non-exposed retro-reflective optical system. It is a so called "non exposed, air cell, micro glass bead retro reflective technology" - maybe not the punchiest name but it sure works!

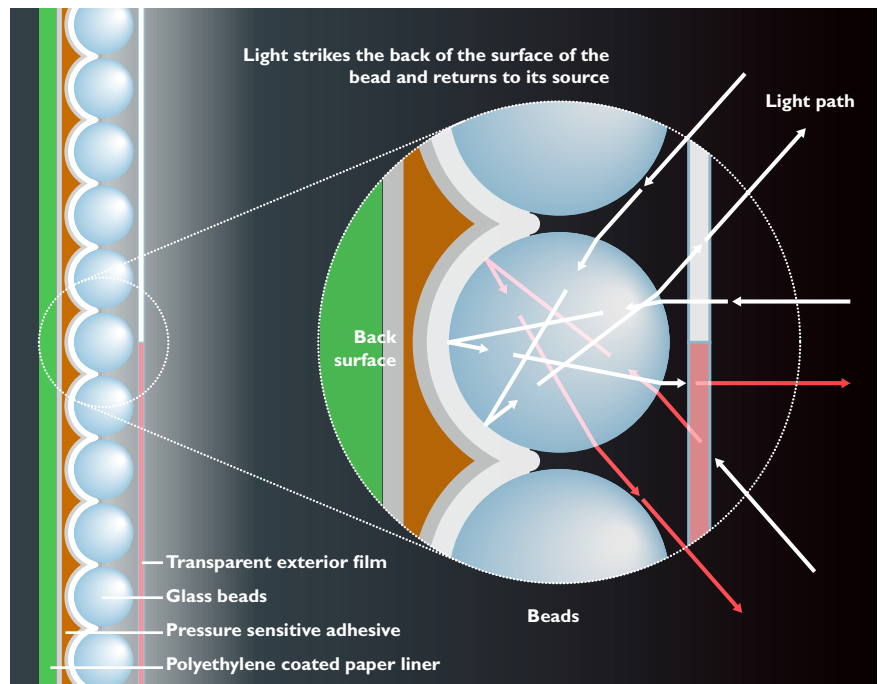
If the product is applied to correctly prepared surfaces, Heskins reflective conspicuity markings should provide 7 years of field performance.

Glass Bead Technology

This type of technology has been around for over 60 years. Light strikes the back surface of the bead, which acts as a lens, reflecting the light back to its source.

In contrast to micro-prismatic technology the reflective glass beads vary in size and placement giving greater range in the angle of reflectivity.

This technology returns up to 30% of the source light except when there is heavy rainfall, which can cause the reflective optics to scatter the light reducing the optical performance until it dries again.





You can be confident of Heskins quality

The coefficient of retro-reflection for Heskins reflective material meets or surpasses the minimum coefficient of retro-reflection required by FMVSS 108. The measurements are made in agreement with ASTM E-810 "Standard test method for coefficient of retro-reflective sheeting" in terms of candlepower per square foot (cd/lux/ft²).

White components

(Usual Values)

Observation Angle	Entrance Angle		
	-4°	30°	45°
0.20° (12') (FMVSS 108)	350 (250)	330 (250)	230 (60)
0.50° (FMVSS 108)	90 (65)	90 (65)	80 (15)

Red components

(Usual Values)

Observation Angle	Entrance Angle		
	-4°	30°	45°
0.20° (12') (FMVSS 108)	130 (60)	130 (60)	100 (15)
0.50° (FMVSS 108)	60 (15)	60 (15)	25 (4)

Yellow components

(Usual Values)

Observation Angle	Entrance Angle		
	-4°	30°	45°
0.20° (12') (FMVSS 108)	300 (n/a)	300 (n/a)	200 (n/a)
0.50° (FMVSS 108)	80 (n/a)	80 (n/a)	70 (n/a)

Performance of Product

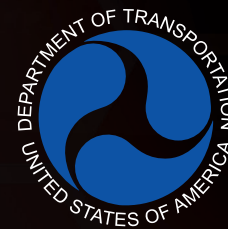
Heskins reflective material is certified to meet the needs of the FMVSS 108/ ASTM (D4956). As mentioned below, the information should be considered typical only and should not be used for specification purposes.

Property	FMVSS 108 Needs	Conspicuity Markings
Adhesion (ASTM D4956)	Less than 2 Inch (55mm) movement	0.2 Inch (4mm)
Shrinkage (ASTM D4956)	Less than 1/8 Inch change on 9x9 Inch panel	No measurable change
Flexibility (Wrap around a 1/8" mandrel at 0°Celsius).	No cracking	No cracking
Impact Resistance 100 In-Lb, 5/8 Inch tip	No damage outside impact	No damage outside impact
Chemical Resistance (SAE J1967)	No requirement	Not affect by toluene, #2 diesel fuel, gasoline (leaded) kerosene, TSP detergent, Xylene, Dilute metal brighteners
Corrosion resistance (ASTM B-117 Salt Spray)	No requirement	No effect (1000 hours)
Minimum Application Temp	-	59°
High Pressure Wash Test (45° angle, 1200 PSI, 8 inch away)	No requirement	No peeling off





Accreditations / Compliances



The consistently high performance of Heskins reflective materials make them some of the most competitive products on the market.

The Vehicle Conspicuity Marking range is chemical, corrosion and impact resistant, and is FMVSS 108 and ASTM D4956 DOT certified.



To see videos of Heskins anti-slip products in use scan this QR code

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