

**920.10      PREFORMED TEMPORARY PAVEMENT MARKING MATERIAL**

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Replace this subsection with the following:

**920.10      REMOVABLE WET WEATHER PAVEMENT MARKING TAPE**

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*The removable wet weather preformed patterned pavement marking tape shall consist of white or yellow films with clear microcrystalline beads incorporated to provide immediate and continuing retroreflection during both wet and dry conditions at the specific luminance levels listed below. The underside of the tape shall be precoated with a pressure sensitive adhesive which bonds the tape to the roadway surface (Asphalt or Concrete) so as to be able to withstand traffic immediately after installation.*

Daylight color of the white tape shall be no darker than color No. 37778 of FED-STD-595B. Daylight color of the yellow tape shall conform to the FHWA color tolerance chart for highway yellow.

When measured with an Advanced Retro Technology (ART) model MX-30 handheld retroreflectometer, the tape shall have initial, minimum retroreflectance values conforming to:

**Dry Condition - ASTM E 1710  
Entrance Angle = 88.76°**

Observation Angle (Degrees)	Specific Luminance	
	White (Millicandelas per square foot per footcandle)	Yellow (Millicandelas per square foot per footcandle)
1.05	500	300

Note: The angular aperture of both the photoreceptor and the light projector shall be six minutes of arc. The reference axis shall be taken perpendicular to the test sample.

**Continuous Wet Condition - ASTM E 2176  
Entrance Angle = 88.76°**

Observation Angle (Degrees)	Specific Luminance	
	White (Millicandelas per square foot per footcandle)	Yellow (Millicandelas per square foot per footcandle)
1.05	250	200

Tape shall be capable of being removed manually, intact or in large pieces, at

temperatures above 40°F without the use of solvents, burning, grinding, or blasting.

The Contractor shall provide the Engineer with the manufacturer's installation recommendations and Certification of Compliance in accordance with Subsection 105.04.