

923-R-607 TEMPORARY PAVEMENT MARKING TAPE MATERIAL

(Adopted 11-16-12)

The Standard Specifications are revised as follows:

SECTION 923, BEGIN LINE 3, DELETE AND INSERT AS FOLLOWS:

923.01 Temporary Pavement Marking Tape

Temporary pavement marking tape shall be furnished in 2 colors and 2 types. It shall consist of a white or yellow reflecting film on a conformable backing which is a minimum of 4 in. (100 mm) wide, and is designed for marking either asphalt or concrete pavements. *The temporary pavement marking tape shall be in accordance with ASTM D 4592.*

~~The white or reflective film on the tape shall be in accordance with highway colors. The tape shall have an average thickness, as determined by 5 micrometer readings, of no less than 20 mils (0.50 mm). The type I reflective film shall have glass beads uniformly distributed throughout the reflective film. Type I and type II reflective film shall have a reflective layer of glass beads bonded to the surface.~~

~~The tape shall be supplied in rolls ready for application and have a pre-coated, pressure sensitive adhesive on the backing which shall not require activation procedures. There shall be no more than 3 splices per 50 yds (46 m) of length. It shall be shipped in standard commercial containers so constructed as to ensure acceptance by the carrier and prevent damage during shipment and storage. It shall be capable of being stored at temperatures up to 100°F (38°C) for periods of 1 year without deterioration.~~

~~When the tape is applied in accordance with the manufacturer's recommended procedures, it shall be weather and traffic resistant and show no appreciable fading, lifting, or shrinkage during the useful life of the line. The material shall be good appearance, free from cracks, and edges shall be true, straight, and unbroken. The material shall be capable of performing satisfactory for a minimum of 1 year.~~

Type I tape shall be selected from the Department's list of approved Temporary Pavement Marking Tape, Type I. Temporary pavement marking tape type I will be placed and maintained on the Department's approved list in accordance with ITM 806, *Procedure H*.

Type I tape furnished under this specification shall be covered by a type C certification in accordance with 916.

~~The minimum reflective intensity values expressed as 0.12 Candlepower/sq ft/foot candle (0.12 Candela/m²/lux) when tested in accordance with ASTM D 4061 shall be in accordance with the following table:~~

~~SPECIFIC LUMINANCE USING ENTRANCE ANGLE 86 DEGREE~~

Observation Angle	White		Yellow	
	0.2°	0.5°	0.2°	0.5°
Specific Luminance, Type I	1770	1270	1310	820

Specific Luminance, Type II	1000	760	820	510
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