

PRODUCT DATA SHEET
1000 Durable
Pavement Marking Tapes

Brite-Line 1000 marking tape is an easy to install, highly durable, conformable, retroreflective delineator. Brite-Line 1000 is available in white and yellow in a variety of widths, as well as words and symbols, and is intended primarily for construction zones that may be opened to traffic immediately after application.

Description

Composition

Brite-Line 1000 consists of a highly reflective layer of select glass spheres bonded to the specially formulated blend of polymer resins, pigments, and fillers, evenly dispersed with glass spheres and an integrated reinforcing system. The bottom side of Brite-Line 1000 is coated with a unique pressure sensitive adhesive designed to adhere to properly prepared bituminous and Portland cement surfaces without the use of heat, solvents, or other extra measures.

Application

Proper surface preparation is essential for satisfactory Brite-Line 1000 results. Essentially, the surface must be clean and dry, with a minimum surface temperature of, 50°F and rising. Brite-Line 1000 cannot be successfully applied over loose or caked dirt, gravel, oily residues, road salt residues, or other foreign substances which will interfere with proper bonding. Manufacturer’s application instructions with more detailed information are included in each carton.

Color

Brite-Line 1000 pavement marking tapes are available from inventory stock in white conforming to standard highway marking color. The pigments are thoroughly blended to produce long lasting color resistant to the effects of weather exposure. Other colors are available on a custom basis.

Reflectance

Exhibit 1 illustrates Brite-Line 1000 pavement marking tapes excellent reflective properties both initially and over the life of the product. When measured using ASTM Test Method E1710, Brite-Line 1000 tapes exhibit the following minimum initial values expressed as specific luminance in millicandelas per square meter per lux (MCD/M²/Lux). The entrance angle should be 88.76°.

Exhibit 1

	White	Yellow
Observation Angle	1.05	1.05
Specific Luminance (MCD/M ² /Lux)	500	300

Reflectance Retention

To have a long, effective service life, the surface layer of glass beads must be strongly bonded and not easily removed by traffic wear. To assure excellent long-lasting reflectance, Brite-Line 1000 has a specially formulated, abrasion-resistant, top coating designed to securely hold the surface layer of glass beads.

Skid Resistance

The surface of Brite-Line 1000 provides excellent skid resistance. When tested according to the procedures specified in ASTM-E-303, Brite-Line 1000 exhibits an initial minimum skid resistance value of 45 BPN. This meets ASTM D 4505-05 Specification for Classification ; Level A.

Patch Ability

Brite-Line 1000 pavement marking tape is designed for use in patching worn areas of Brite-Line 1000 installations. The tape will readily adhere to previously applied material.

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Performance Life

The performance life of Brite-Line 1000 plastic marking materials will vary greatly depending upon traffic conditions, snow removal practices, pavement surfaces, and application techniques. It is recommended that each customer evaluate Brite-Line 1000 pavement Marking tape under the various conditions of specific locations. Experience has shown that when properly applied, these materials are highly effective traffic control devices. However, Brite-Line makes no generalized performance claims.

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All statements, technical information and recommendations contained herein are based on tests believed to be reliable. The accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, express or implied:

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