

# Raster™ Method Braille Process



The Raster™ Method of Braille (the Edgerton Method) is a licensed patented process. It provides perfectly rounded Braille that complies with the latest codes and standards.

The Raster™ Method of Braille allows more flexibility in choice of sign materials. Rasters™ can be inserted into any material that can be drilled with precision.

Use clear Rasters™ for practically invisible Braille, or use a contrasting color and the Braille becomes a design element.

## FEATURES

- Meets all ADA requirements for dimension, spacing, dot height, and shape
- Meets all ANSI A117.1-1998 standards
- Durable
- Weatherproof in all environments
- Attractive appearance
- Rasters™ are available in a variety of colors and materials

## FABRICATION

The Raster™ Method of Braille can be used with any computerized sign engraving or routing system that includes a Grade 2 Braille translator.

Contact Accent Signage Systems to become a licensed manufacturer, or to find the nearest licensed manufacturer in your area.

## COLORS & MATERIALS

Rasters™ are available in U.V. stable acrylic and metal.

Colors include:

- black acrylic
- white acrylic
- clear acrylic
- stainless steel
- brass

**GRAVOGRAPH**



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# Raster™ Method

## Braille Process

### ANSI A117.1-1998 BRAILLE REGULATIONS:

Tactile characters shall be accompanied by Grade II Braille. Braille dots shall have a domed or rounded shape. Braille shall be located below the corresponding text. If text is multi-lined, Braille shall be placed below entire text. Braille shall be separated 3/8 inch (9.5mm) minimum from any other tactile characters, raised elements or borders.

- Braille shall comply with literary Braille. Exception: The indication of uppercase letter(s) shall only be used for proper nouns and names, individual letters of the alphabet, initials, acronyms, or before the first word of sentences.
- Dot Height: 0.025-0.037 inch (0.6-0.9 mm)
- Dot base diameter: 0.059-0.063 inch (1.5-1.6 mm)
- Distance between any two dots in same cell, center to center: 0.090-0.100 inch (2.3-2.5 mm)
- Distance between corresponding dots in adjacent cells, center to center: 0.241-0.300 inch (6.1-7.6 mm)
- Distance between corresponding dots from one cell to the cell directly below, center to center: 0.395-0.400 inch (10.0-10.1 mm)

### IMPORTANT CONSIDERATIONS:

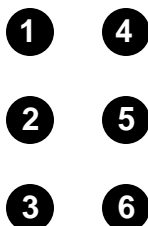
When producing ADA signs, the Braille should accurately represent the tactile message. Grade 2 Braille (required by ADA) is not a "letter-for-letter" scheme. Grade 2 Braille contains close to 200 contracted words and word fragments. Spacing also changes the meaning of letters and numbers. A simple solution is to use an accurate Braille translator such as the Duxbury Braille Translator. This will save time and money, as well as, reduce the number of errors associated with fabricating accurate Braille.

We recommend that all signs that contain Braille be proofed by a Library of Congress certified Grade 2 Braille reader.

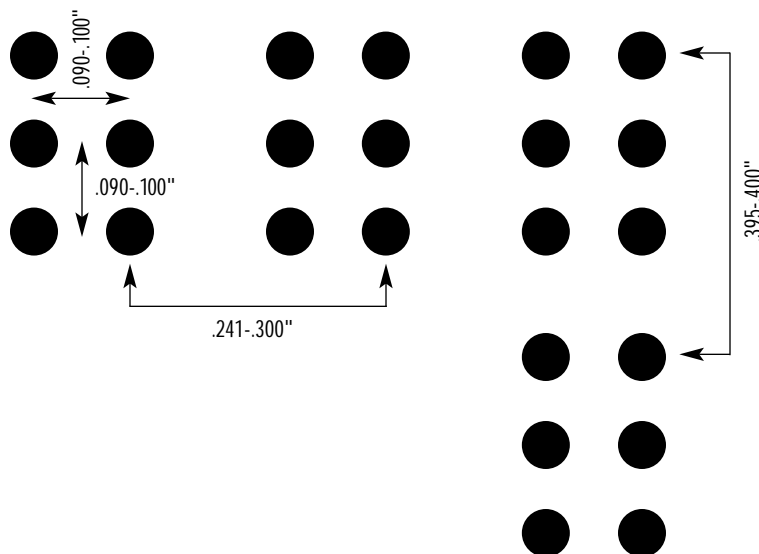
*Sign manufacturers please contact Accent Signage Systems for the license and all the materials to fabricate the Raster™ Method of Braille.*



Braille dots shall have a domed or rounded shape.



Braille is made up of cells. Each cell contains six dots; three on the left and three on the right. They are numbered one through three on the left and four through six on the right. It is essential that the dots are uniform in size and in the appropriate position in order for the reader to understand the correct meaning.



### COMPARISON OF BRAILLE METHODS

METHOD	Naturally Rounded	No Mold Needed	No Painting Needed	No Filling Needed	Choice Of Material
Raster™ Braille	✓	✓	✓	✓	✓
Embossed Braille	✓		✓		
Photopolymer Braille		✓		✓	
Sandblasted Braille		✓	✓	✓	
Metal Etched Braille		✓		✓	
Cast Metal Braille				✓	
Molded Braille	✓		✓	✓	
Routed-Out Braille		✓	✓	✓	