

MUTOH

ADA Quick Reference Guide

Check your state laws regarding Braille requirements. Some states, such as California, have their own requirements which are more strict than others.

GRADE 1	vs	GRADE 2
women		
“Letter for Letter” INCORRECT		“Contracted” CORRECT

FONT SIZE BASED OFF SIGN WIDTH						
Sign Width (in inches)	Font Size (in inches)					
	5/8"	3/4"	7/8"	1"	1-1/4"	1-1/2"
4	5	4	3	3		
6	7	6	5	4	4	3
8	11	9	8	7	5	4
10	14	11	10	9	7	6
12	18	14	12	11	8	7
18	25	21	18	16	13	11

Number of Characters (including spaces)

BRAILLE MEASUREMENTS	
Dot Height	.025" - .037"
Dot Diameter	.059" - .063"
Space Between Dots	.090" - .100"
Vertical Cell Spacing	.395" - .400"
Horizontal Cell Spacing	.241" - .300"
Dot Shape	Domed/Rounded

BRAILLE MEASUREMENTS	
	Domed Braille Measurements Dot Height: .025" - .037" (.60mm - .90mm) Dot Diameter: .059" - .063" (2.3mm - 2.5mm)
	Pictogram Icons Raised minimum 1/32" (.0312" / .08mm)
	Tactile Text Raised minimum 1/32" (.0312" / .08mm)

ADA LAYOUT GUIDELINES

Nothing within the Pictogram Icon

7/8"

MUTOH
MAKES IT POSSIBLE

Pictogram Icon should contract in color with the background.

Tactile Text is an approved ADA font (Arial) and is also 5/8" (.625" / 15.875mm) in height.

Braille is placed below the Tactile Text at a distance of 3/8" (.385" / 9.5mm) from the bottom of the Tactile characters.

1/2"

RESTROOM

3/8"

Allow for a minimum clearance of 3/8" (.385" / 9.5mm) around ADA elements. This includes from edge of substrate/media.

7/8"

APPROVED ADA FONTS

- ARIAL
- AVANT GARDE
- CALIBRI
- CENTURY GOTHIC (Reg)
- ERAS
- FRANKLIN GOTHIC
- FRUTIGER
- FUTURA (Standard)
- HELVETICA
- MYRIAD PRO
- OPTIMA
- TREBUCHET
- VERDANA
- VAG ROUNDED

ELEMENT	PERMANENT SIGNAGE Rooms, Room #'s, Spaces, Exits, Restrooms	DIRECTIONAL & OVERHEAD SIGNAGE Directories, Informational Signage, Overhead Signs 80" above floor
Tactile Depth	Raised to Minimum 1/32" (.0312" / .08mm)	N/A
Letter Height	5/8" (.625" / 15.875mm) to 2" (2.00" / 50mm)	Sized to accommodate best viewing distance.
Letter Type	Upper Case Letter Only	Upper or Lower Case Letters
Letter Style	ADA Approved Fonts <i>(Refer to ADA Font Chart)</i> Character Width: 55-110% of Character Height	
Pictograms	Raised to Minimum of 1/32" (.0312" / .08mm) Placed on 6" minimum media Upper case verbal description directly below	There are no required regulations for Pictograms on Directional or Overhead Signage.
Braille	Domed - Grade 2 Braille Dot Height: .025" - .037" (.60mm - .90mm) Dot Diameter: .059" - .063" (2.3mm - 2.5mm) Horizontal Cell Separation: .241" - .300" (6.1mm - 7.6mm) Vertical Cell Separation: .395" - .400" (10mm - 10.2mm)	N/A
Braille Placement	Minimum 3/8" (.375" / 9.5mm) below Tactile Text description. If text multi-lined, braille is to be placed below entire text.	N/A
Finish	Characters and background must be a matte non-glare finish	
Contrast	Characters and symbols must contrast with background. Light characters and symbols must be on a dark background (vice versa).	
Braille Mounting Height	Sign is to be measured 48"-60" from baseline of the tactile characters.	N/A