

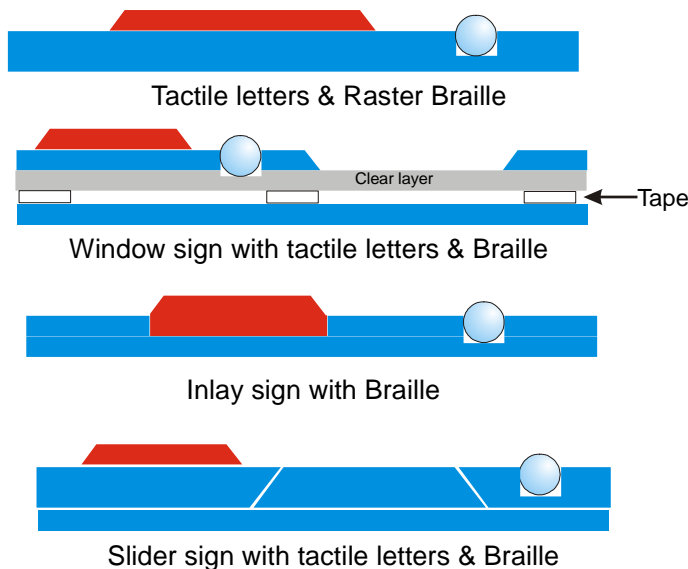


GRAVOGRAPH NEW HERMES

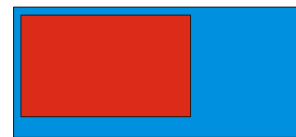
The Material “Sandwich”

To engrave ADA signs, two or more pieces of material are “sandwiched” together, and part of one layer of the “sandwich” is removed. For example, to make tactile letters, we need a background piece and a top piece of contrasting color. We then cut the outline of the letters completely through the top piece, and remove the excess top material, exposing the background and leaving the letters. This concept of removing one “sandwich” layer to reveal the layer underneath is the basis of almost all the techniques described herein.

Cross Sections of Common Sign Types



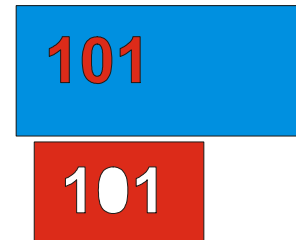
1.



2.



3.



By changing the layers of the “sandwich,” we are able to add windows, sliders, and other effects to the signs.

Pressure-Sensitive Adhesive

Obviously, something needs to hold the layers of the “sandwich” together, and for this, we use pressure-sensitive (commonly referred to as PS) adhesive. PS adhesive has tiny bubbles of adhesive in it, which burst when pressure is applied. The harder you press, the better it sticks. Any time pressure-sensitive adhesive is referred to in these instructions, you will have to apply enough pressure to adhere the pieces together properly. A great way to do this is to use a rubber wallpaper roller to press down each successive layer after it has been cut. When “sandwiching” together two layers to make windows or inlay back plates, roll over the material before cutting it.