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**Resource List for Tactile Graphics**

Resources listed are suggestions for unique materials or equipment that can be helpful in creating tactile graphics. The list is presented in sections by steps in the process and then by production method.

**Planning and Editing (all methods)**

Braille Planning Grid: Pheasantland Industries Braille and Tactile Graphics Unit [http://doc.sd.gov/documents/BrailleShopPriceList.pdf](http://doc.sd.gov/documents/BrailleShopPriceList.pdf%20%20%20page%203)  page 3

Planning sheets[: www.brailleauthority.org/tg](file:///C%3A%5CUsers%5CLucia%5CDocuments%5CNBA%202016%5C%3A%20www.brailleauthority.org%5Ctg) *Guidelines and Standards for*

 *Tactile Graphics,* Chapter 3

Re-sizing original print image:

photocopier with enlarging capability

scanner with software to re-size image

Standard Key for Maps: [www.brailleauthority.org/tg](http://www.brailleauthority.org/tg) *Guidelines and Standards for Tactile Graphics,* Appendix C. List of official ISO abbreviations for states, provinces and countries

Templates for various sizes of paper, margins, your translation program’s codes for braille page numbers. If you produce for a variety of student needs, name each template after its user.

**Hand-production including Collage and Tooling on paper or foil**

Aluminum diagramming foil:

 APH: **Sheets or** roll <https://shop.aph.org/>

 Dick Blick: 9x11” <http://www.dickblick.com/products/amaco-artemboss-aluminum-sheets/>

Braille paper or cardstock

Brailon thermoform paper if you plan to make a copy from the master tactile

 graphic

Carbon paper

Cardboard in a variety of thicknesses

Lightbox

Slate, stylus, braille eraser

Velum or tracing paper

**Hand-production including Collage and Tooling on paper or foil, contd.**

Area Texture Tools and Supplies:

Carousel of Textures, Tactile Marking Mat: [https://shop.aph.org](https://shop.aph.org/wcsstore/APHConsumerDirect/images/catalog/products_large/1-08863-00_Carousel_Textures.jpg)

Drywall Mesh, self-adhesive

Fabric: corduroy, needlepoint and cross-stitch backing, dotted swiss,

 Handiwipes, burlap, velvet, felt, heavy weave e.g. upholstery

Other: craft foam sheets, paper with glitter coat‡, sandpaper‡ (See

 cautions at end of list.)

Textured paper: craft stores, “found” textures such as coffee jackets, light bulb

 packaging, light-weight corrugated cardboard

Texture plates: APH Tactile Graphics Kit, aluminum screen, fiberglass

 screen, plastic base for hooking rugs, needlepoint backing

Wooden or plastic tool for clay/sculpture modeling to emboss texture onto

 paper or foil

Line Texture- Tooling

Embossing pads:

 Braille Tooling Mat Pheasantland Industries Braille and Tactile Graphics Unit

 [http://doc.sd.gov/documents/BrailleShopPriceList.pdf](http://doc.sd.gov/documents/BrailleShopPriceList.pdf%20%20%20page%203)  page 3

 Clear Vinyl

Naugahyde (synthetic leather- old school)- fabric/sewing stores

Rubber mat from APH Tactile Graphics Kit

Spur wheels:

<https://shop.aph.org/> Line-Drawing Tool Kit, Crafty Graphics and Crafty

 Graphics II, Tactile Graphics Kit- unique stenciling tools

[http://www.dickblick.com/products/grifhold-aluminum-pounce-wheels](http://www.dickblick.com/products/grifhold-aluminum-pounce-wheels/)

<https://www.tandyleather.com/en/product/craftool-overstitchers>

<http://www.joann.com> and other sewing supply stores-serrated wheel

Styli: double ended with different sizes of points

Line Texture- Collage

Candlewick

Decorative trim (sewing)

Florist’s wire, cotton-covered, various sizes

Graphic Art tape various widths

Liquid paints (puff paint and fabric paint)

Ribbon in various widths and textures

 grosgrain- ribbed

 smooth- satin

 textured- raised dots or lines

ScraPerfect Large No-Clog Writing Cap (for puff

paint, glue and other thick liquids) <http://www.joann.com>

String, yarn, upholstery thread

Wiki-Stix

**Hand-production including Collage and Tooling on paper or foil, contd.**

Point Symbol Tools and Supplies:

Brass brads

Bumper dots

Craft foam pre-cut shapes

Embellishments for scrapbooking

Feel ‘n Peel Stickers- APH

Hole punch results (large and small)

 Sewing Notions:

 grommets

 snaps

Tongs: APH Tactile Graphics Kit (work much better on foil than on paper)

Velcro spots (both sides)

**Adhesives**

Glue sticks

MonoAqua by Tombow- Michael’s craft stores, online from Office Depot/Office Max

Xyron Sticker Maker (various widths), permanent and removable types

Templates for shapes

**Things that do not thermoform well**

Craft foam- shrinks and rounds its corners

Glue, water based- can wrinkle paper base of graphic

Metal objects (some)- chain, metal washers, However, cotton covered wire works well.

Water-based glues e.g. Elmer’s

**‡Cautions:**

Sandpaper- can easily damage fingers. Use only smoothest grit unless

 thermoforming.

Glitter- very sharp and sticks to fingers. It could easily get into an eye.

**Capsule paper**

Braille font

 [http://www.tsbvi.edu/resources/1087-download-braille-and-asl- specialty-fonts and select Braille-Swell.ttf](http://www.tsbvi.edu/resources/1087-download-braille-and-asl-%20%20%20%20%20%20%20%20specialty-fonts%20and%20select%20Braille-Swell.ttf)

Capsule paper

 <http://www.americanthermoform.com/product/swell-touch-paper/>

Hand drawn images:

 China markers (grease pencils)

 Some gel pens

 Soft lead pencils (the kind artists use)

 Black erasable “white board” markers

Producing with capsule paper:

 Create graphic on computer

 Laser print on regular paper or print directly on capsule paper with

 compatible printer

 Transfer image to capsule paper using a copy machine

 Process through fuser

**Repositories for images to make tactile graphics**

APH Tactile Graphic Image Library <http://www.aph.org/tgil/>

DIAGRAM <http://diagramcenter.org/> Developing a library of image

 descriptions, tactile graphic files, and 3D printer files

RNIB [www.tactilelibrary.com](file:///C%3A%5CUsers%5CLucia%5CDocuments%5CNBA%202016%5Cwww.tactilelibrary.com)

ViewPlus <https://viewplus.com/viewplus-support/downloads/>

Zychem Ltd [http://www.tactilelibrary.com](http://www.tactilelibrary.com/)

**Commercial Products to Use with or instead of tactile graphics**

Draftsman Tactile Drawing Board- APH

inTACT Sketchpad [www.easytactile**graphics**.com/product/**intact**-**sketchpad**](http://www.easytactilegraphics.com/product/intact-sketchpad)

Sensational Blackboard [www.sensationalbooks.com](http://www.sensationalbooks.com)

Graph paper

Outline maps, atlases

DNA-RNA Kit- APH