

Archival Storage Materials Sample Box

- 1 Document Box:** Our best boxes measure a pH of approximately 8.5 and are made from a strong 60 pt., solid-core tan board composed entirely of lignin-free cellulose fibers. For added protection, the boxes contain a 3% calcium carbonate buffer to neutralize acidity that may be introduced through handling or the environment. The metal edge we use to construct our boxes offers more "grips" per inch than many other manufacturers, creating a stronger, more durable box. Larger (5") boxes feature a black nylon cord loop that allows easier removal from shelving.
- 2 White Coroplast:** This archival quality corrugated plastic is rigid, chemically stable copolymer of polypropylene and polyethylene. While Coroplast performs many of the same functions as corrugated fiberboard (including boxmaking, print backing, picture framing, drawer lining and artifact support), it is easier to clean and helps to repel moisture. Available in white or translucent, each 3 millimeters thick (approx. .09").
- 3 Roll Storage Tube:** These roll storage tubes are made with acid-free, blue-gray Perma/Dur. They are manufactured to meet rigorous standards of permanence. Each tube is buffered with an alkaline reserve of approximately 3% to prevent acid-migration. Water resistant, neutral pH adhesive is used in the construction of these tubes. Ideal for storage and shipping of textiles, tapestries, carpets, posters, large maps, etc.
- 4 Polyester Sleeves:** An easy method for protecting your prints or other items from dust, dirt and scratches during storage and handling. Our best crystal clear 2 mil sleeves make superb viewing easy without removing the item from the sleeve. Archival polyester material assures that neither the sleeve nor adjacent prints will chemically react with the enclosed print. Sleeves have the two long sides sealed and are open at each end for easy access
- 5 Polyethylene Zipper Bag:** An easy, quick and secure method for storage of both two and three dimensional objects and artifacts, these 2 mil polyethylene zipper bags are completely inert. Store rare books, seeds, cones, fragments, shells and specimens. Crystal clear bags allow you a full 360 degree view of the contents. An economical enclosure for gathering specimens in the field. Easy-to-open, easy-to-close zipper seal. A variety of sizes are available.
- 6 Twill Tape:** This unbleached, unsized 100% cotton twill tape is very soft and is useful for making storage mounts. Also used for packing, shipping and for a host of other installations needs. Offered in four widths.
- 7 Volara®:** Foam Protect your collections by using archival quality Volara polyethylene foam to line display cases, drawers, shelves and boxes. Line phase boxes for extra protection of rare books. Volara Type A is flexible, closed cell, polyethylene foam which is cross linked by using a unique electron irradiation process that results in a continuous, smooth surface. Volara foam has excellent chemical resistance, low water absorption and vapor transmission, superb thermal insulation and a non-abrasive, aesthetically pleasing surface. Volara foam is available in a 2 lb./ft³ density in both 0.125" and 0.25" thicknesses, and in black or white. It is easily cut using scissors, paper cutter or a utility knife.
- 8 Ethafoam®:** This archival quality, closed cell polyethylene foam is chemically inert and non-abrasive. Easy to handle, cut, shape and form, preservation professionals have found thousands of uses for this economical material. Use for padding, gasketing and creating artifact cavity storage. Color white.
- 9 Cellu-cushion®:** The thinner, less dense version of Ethafoam planks and is available in rolls and sheets. Line drawers, boxes, worktables and shipping containers.
- 10 File Folder:** These acid-free and lignin-free folders offer maximum protection for storage of letters, documents and other materials. Made of our exclusive Perma/Dur folder stock, these full-cut file folders possess superior folding characteristics and outstanding strength qualities assuring long life and protection. Folders are lignin-free and acid-free with a strictly controlled pH level (8.5+/-) buffered with 3% calcium carbonate for an alkaline reserve to assure a safe and protective environment for material stored within these folders. Available in lightfast, non-bleeding, soil resistant Tan color in both letter and legal size.
- 11 E-flute Corrugated Board:** The strength of E-Flute corrugated board makes it useful for box making, dividers, shelf lining, etc. E-Flute is half the thickness of standard B-Flute with nearly the same strength. Acid-free, lignin-free, and buffered with calcium carbonate. Pleasing Blue/Gray color. Scoring, folding and cutting are easy. Great for CAD box making machines.
- 12 B-flute Corrugated Board:** This strong, smooth, lightweight pale blue-gray material is the ultimate in corrugated boards. Available in either single wall (approx. 0.125") or double wall (approx. 0.25") thickness, Perma/Dur Corrugated Board is acid-free, lignin-free and alkaline buffered with 3% calcium carbonate added for an alkaline reserve in all three layers for maximum protection. This exclusive board is made of fully bleached virgin fibers and is unusually strong - an excellent choice for boxmaking, print backers, picture framing, dividers - wherever a sturdy, light board is required.
- 13 40 pt. Tan Barrier Board (Boxboard):** 40 pt. barrier board is made from a lamination of our extremely strong and durable folder stock. This barrier board offers an alternative material to our standard gray/white board. It is acid-free and lignin-free and excellent for phase box construction, special size boxes, dividers, etc. Buffering is achieved with calcium carbonate (3%). The base for this board is made up of long-fibered bleached sulphite/sulphate pulp which possesses excellent strength characteristics. The tan color is non-bleeding and the approximate 8.5 pH level assures a stable material for a variety of conservation applications. 60 pt. also available.
- 14 60 pt. Blue/gray Barrier Board (Boxboard):** This barrier board is acid-free throughout. Buffered with approximately 3% calcium carbonate. The blue-gray side has a smooth surface and the white lignin-free side eliminates any concern for color transfer to objects placed against it. This board is ideal for making phase boxes, special size boxes, dividers or any use where an archival quality board is required.
- 15 Polyester L-Velope®:** With these unique and functional L-Velopes, you can safely insert (or remove) fragile paper or photographic items into a protective polyester storage enclosure. L-Velopes cling to the material they contain making complete enclosure unnecessary. Two adjacent sides are thermo-welded for long life. Sturdy archival polyester assures the utmost in safety, strength, clarity and longevity. Guaranteed non-yellowing and stable.
- 16 Artifact I.D. Tags:** Identify artifacts and specimens with University Products' acid-free Artifact I.D. Tags. Made of buffered 10 pt. off-white stock which is both acid-free and lignin-free. Each tag features a strong 6" cotton string for attaching to objects.
- 17 Archival Materials Swatch Book:** University Products Swatch book of various archival materials.

This collection of archival storage material samples is contained in a standard size document box and includes a variety of products used by archivists and conservators for the safe storage of valued collections. The kit offerings were selected in conjunction with conservators involved in the Collections Assessment Program (CAP) and is used to determine what materials would be available and acceptable for collection storage.

