

Vault folio v2 — specification addendum (September 3, 2026)

Contact: Daven Patel, Efficiency — support@useefficiency.com · working model and files: <https://winterballvault.useefficiency.com>

Add-on to the certificate spec. The certificate mails inside a letter-size sleeve whose front is a bank-vault face. There is no door: turning the brass dial a turn and a half winds a ribbon that slides the certificate out through the right edge on a linen sled; turning back retracts it. Nothing comes out unless the dial is turned.

Pieces

- **Sleeve:** 11 × 8.5 in landscape, two panels of 110 lb cotton duplexed door-blue outside / linen inside, joined by two 1.05 in spacer strips (top and bottom) and a 0.4 in left stop, glued on three edges. The right edge is open for 6.3 in, forming the exit. The 9 × 5.75 in certificate is unchanged.
- **Face:** gold foil on the front panel: three rings, twelve bolts, ring text "EFFICIENCY · WINTER BALL" over the top and "SAFEKEEPING · SAN FRANCISCO · MMXXVII" under, a "1½ TURNS" arrow, an exit arrow at the right edge, the wordmark and mark at the foot. Brad hole Ø1/8 in at center. Minimum foil line 0.7 pt.
- **Dial:** die-cut Ø2.6 in door-blue disc with foil spokes, hub and a pointer dot, mounted on a brass brad (3/4 in shank).
- **Reel:** two Ø1.2 in discs with a Ø0.8 in core, fixed to the brad shank behind the face, so the dial turns it.
- **Ribbon:** 1/2 in linen or grosgrain, 6.5 in, knotted through a slot in the sled's left edge and anchored on the core. Each turn winds about 2.5 in; tune the core diameter at prototype so 1½ turns give the 4.5 in travel.
- **Sled:** 9.25 × 6.1 in linen carrier with a corner pocket for the certificate, a 0.36 × 1.5 in lift tab at the right end, and a 0.2 in retention lip at the left that catches the left stop at full travel.
- **Envelope:** 9 × 12 in booklet, cotton (stocked in Neenah Cotton / Savoy / Crane). Mails as a First-Class flat; brad and reel keep total thickness under 1/4 in.

Files

On the site: [vault-sleeve-face.pdf](#) (face composite, foil shown gold), [vault-sleeve-foil-plate.pdf](#) (foil die art for the face and the dial, 100% K), [vault-sleeve-dieline.pdf](#) (all parts A–H with dimensions, glue zones, assembly order), and the interactive model of the mechanism.

Quantities and timing

Same as the certificates: 6 now and 30 later, or 36 in one run. One prototype round (two hand-made samples) to settle the core diameter, ribbon tension, channel clearance, the retention lip, and that the dial cannot over-wind. Fallback if the wind proves unreliable: fixed dial, pull tab on the sled. Schedule:

quotes by Tue Sep 8, dielines to the shop that week, prototype back by Sep 14, finished sleeves in San Francisco by Fri Sep 18.

Please include in your quote

1. Dies: face (brad hole), dial, sled with pocket, tab and ribbon slot, reel discs, spacer strips and stop.
2. Foil die for the face and the dial; duplexing.
3. Prototype: two working samples.
4. Brads, ribbon, and hand assembly per piece (or a price for us to assemble from your parts).
5. The 9 × 12 in cotton booklet envelope.