

CUSTOM ACRYLIC MAHJONG — PACKAGING SPEC

Packaging Insert Spec Sheet

The four packaging axes on a custom mahjong program — **insert geometry, gift-box footprint, retail unit-pack, and transit verification** — together move per-set cost by **8–12%**. Mahjong sets fail in transit before they fail in play: this sheet gives you the drawing language for each axis so packaging is specified, not assumed. We size the insert drawing to your tile dimensions at the quoting stage.

AXIS 1 Silicone-cradle insert geometry

- **Individual tile recess, ± 0.2 mm fit tolerance** — put the tolerance on the drawing. Loose fit means tile-on-tile rattle in freight; over-tight fit wears the engraved face on extraction.
- **Recess grid** laid out to your set format — 144 Chinese, 152 NMJL American, or 160 expanded.

Sized to the tile body — three standard bodies:

30 × 23 × 13 mm compact · 32 × 23 × 13 mm mid · 36 × 25 × 15 mm full-size · custom sizes on request

AXIS 2 Gift-box & display-case footprint

- **Footprint derives from the insert grid** plus wall thickness — lock the insert spec first, then the box drawing follows.
- **Wooden gift box** adds ~\$3–8 per set; **velvet-lined display case** adds ~\$8–18 per set.
- **Lid latch:** specify magnetic + mechanical interlock. Magnets alone fail under freight vibration.
- **Master carton** holds 12–24 sets depending on insert spec.

AXIS 3 Retail / FBA-ready unit-pack

- **Branded retail unit-pack (FBA-ready)** adds ~\$2–5 per set, with your artwork on the die-line.
- **Inner carton dimensioned to Amazon FBA inbound guidelines** — no side over 25 in / 63.5 cm, no box over 50 lb / 22.7 kg.
- **Label zone reserved** on the unit-pack die-line for barcode / FNSKU placement.

AXIS 4 ISTA 3A transit verification

- **One random sample case per production run** goes through the ISTA 3A parcel-shipment simulation — the drop and random-vibration sequence used for small packaged products.
- **Sign-off documentation ships with the order.**
- **Why it matters:** catches silicone-insert or latch spec drift at our line — much cheaper to remediate there than at your warehouse.

Standard packaging — included from MOQ 100 sets

Silicone-cradle insert + corrugated outer carton, ISTA 3A drop-test sign-off on every production run.

Custom packaging formats — from 250 sets

Wooden gift box, velvet-lined display case, branded retail unit-pack, individual unit-pack option.

What happens next: reply with your tile dimensions (or your completed spec worksheet) and target packaging tier to inquiry@wetopacrylic.com — we return the sized insert drawing with a tier-matched quote within 24 hours.