ARCHERYERA · WORKBENCH REFERENCE CARD

Vane Prep & Adhesive Compatibility Quick-Reference

The prep step that actually decides whether a bond holds — matched to what each vane brand ships with from the factory. Keep this taped inside the fletching jig case.

VANE BRAND — SURFACE CHEMISTRY & PREP

Vane Brand	Factory Surface	Prep Before Glue	Recommended Solvent
Bohning	Pre-primed — factory-cured activator layer already present	**Alcohol wipe only. No scuffing.**	None — isopropyl alcohol wipe
Flex-Fletch	Rubber-based, holding factory mold-release residue	**Solvent-wipe, then scuff lightly**	MEK or Acetone
AAE Max	Urethane/TPU — very low surface energy	**Primer system, not a raw solvent wipe**	MAXweld Primer Pen
TAC Vanes	Rigid low-profile polymer, not pre-primed	**Light wipe, scuff only if contaminated**	Isopropyl Alcohol (91%+)

■ *The Release Agent Trap: solvent-wiping a pre-primed vane (Bohning) strips the factory activator instead of cleaning it. Skipping solvent/scuff prep on a non-primed rubber vane (Flex-Fletch) leaves mold-release residue between the glue and the vane.*

GLUE TYPE COMPARISON AT A GLANCE

Glue Type	Clamp Time	Shock Resistance	Shelf Life	Best Application
Fast CA	10–45 sec	Low — rigid resin cracks under repeated impact	6–12 mo. unopened	Indoor target, field repairs, rigid plastic vanes
Toughened Gel CA	15–30 sec	Medium — flexes instead of shattering	6–12 mo. unopened	Carbon hunting arrows, wide feather bases
Arrow Epoxy	5–15 min working time	High — cross-linked bond absorbs shock	12+ mo. unopened	Scuffed rubber vanes, high-stress hunting builds
Hot Melt	Seconds on cooling	Low on vane material, high on shaft-to-insert joints	Effectively indefinite	Points and inserts — not direct vane bonding

STANDARD RE-FLETCH SEQUENCE

1	Scrape off old dried glue with a dull, non-razor edge. Don't dig into the shaft.
2	Soak in hot (not boiling) water, then dry with a towel.
3	Match the vane brand to the table above and run its specific prep — not a generic wipe.
4	Run the bead down roughly 50% of the vane base width, not the full base.
5	Seat in the jig and hold full clamp time before releasing — clamp time and full cure are two different numbers.

Full interactive Fletching Glue Finder & Vane Prep Advisor: archeryera.com/best-fletching-glue.html — field-tested knowledge, not gear hype.