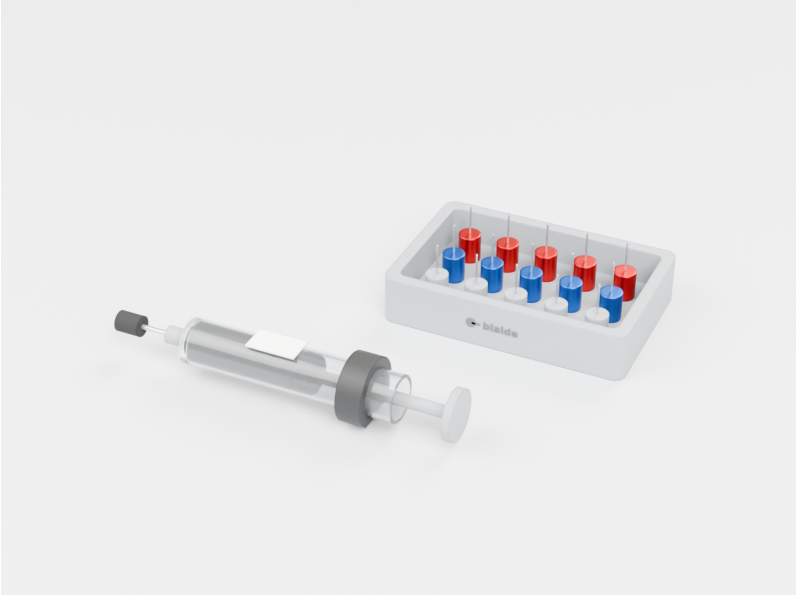
Via kit: User Guide

VIA | Blaide product line | 17 November 2026 | Design only: nothing built or tested | Draft



Using it

- **1.** Lay a blotter sheet on the sacrificial sheet and load the board on top.
- **2.** Run drilling, then the fill step. Do not move the board between them.
- **3.** Let the bed cure the paste; wait for the white line.
- **4.** Flip the board when the app asks; the top-up and second cure follow.
- **5.** Make the coupon with each new cartridge and measure end to end before trusting a real board.

Safety

Hazard	Protection	What you must do
Hot bed during cure	Light line shows amber	Wait for white before touching
Silver paste contact	Sealed cartridge	Gloves; follow the paste's safety sheet
Drill dust	Printer exhaust and filter	Keep the filter fitted

Specification

Parameter	Target
Via size	0.4 to 1.0 mm drilled, 1.6 mm board
Paste per 0.6 mm via	about 0.5 uL
Estimated resistance	3.33 milliohm per filled 0.6 mm via
Coupon	21 vias in a chain, about 70 milliohm plus traces
Cure	150 C for 30 minutes on the printer bed (planning value)
Nozzle	0.4 mm