

Fiberglass Mold Cost Guide

BLG Fiberglass - Tooling Budget Reference 2026

Cost Ranges by Mold Type

- 1 Simple open mold, flat/gently curved**
\$5,000 to \$20,000 | 100 to 500+ expected pulls
- 2 Two-piece split mold with registration**
\$22,000 to \$50,000 | 300 to 1,000+ expected pulls
- 3 RTM/LRTM closed mold, moderate geometry**
\$35,000 to \$80,000 | 500 to 2,000+ expected pulls
- 4 Large structural mold (>4m), moderate complexity**
\$80,000 to \$150,000 | Surface area driven
- 5 Multi-cavity production tool**
\$90,000 to \$200,000 | Cavity count multiplier
- 6 Carbon fiber tooling laminate mold**
\$150,000 to \$400,000+ | Engineering intensive

Key Cost Drivers

- 1 Geometry complexity**
Compound curves, undercuts, tight radii add hours directly.
- 2 Surface finish class**
Class A requires more prep, inspection, and finishing labor than Class B or C.
- 3 Mold life expectation**
More pulls = heavier laminate, more reinforcement, higher material cost.
- 4 Process type**
Closed molds for RTM/compression cost 40-80% more than open mold equivalents.
- 5 Plug provision**
Plug fabrication from drawings adds \$2,000 to \$30,000+ if not buyer-supplied.

Planning a fiberglass tooling project? BLG Fiberglass provides free consultations.

blgfiberglass.com/contact/ | Free consultation on your project