

ADVANTAGE
THE ALBERTS
High Performance Tooling At
A Fraction Of The Cost

Epoxy Fiberglass Laminate Tooling

ATTRIBUTES



HIGH
STRENGTH



LONG LIFE
EXPECTANCY



LOW
COST



TEMPERATURE
RESISTANCE

SNAPSHOT:

Life: Up to 10,000 production parts

Prices Beginning at: \$1500

AT A GLANCE:

Epoxy fiberglass laminate molds are the most commonly purchased tool and are best used for large parts. With multiple surface plains, high exothermic thresholds and their lightweight nature, EFL tools prove to be most versatile and accept a vast array of materials.

PERFECT FOR:

Composites, Flexible & Rigid Foam, Urethanes

NOTABLE CUSTOMERS:

Boeing, Disney, Six Flags

Creative Strategy

SIZE & COMPLEXITY

- Maximum 96" x 48" x 12". Standard molds are single cavity.
- Considerations: charge port location, hardware, parting lines and substrates

MOLDED MATERIALS

- Composites, Concrete, Epoxy, Foams, Plaster, Polyester, Silicone, Urethanes, Vinyl Ester

COLOR CHART: *view online at www.rsalberts.com*

DRAFT

Amount of taper for molded or cast parts perpendicular to the parting line. An angle is incorporated into a wall of a mold so that the opening of the cavity is wider than its base. Draft angles allow for easier ejection of the part from the mold.

- 1° draft required minimum

SURFACE FINISH

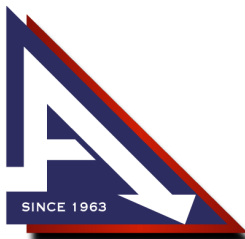
Dents or markings distort the plane of a surface, causing light to reflect in a way that our eyes instantly identify as an inconsistency. Added texture aids in concealing blemishes and creates a friction factor on the surface of finished parts providing anti-slip qualities.

- Ranging from smooth to heavy pebble
- Custom surface finish available at additional cost
- Stenciling and Logo

TOLERANCES

Allowable variation for any given size in order to achieve proper function when considering the design intent. As with all molded products, part material's shrink value should be considered when building your pattern and mold.

- $\pm .030$ "



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