



Molded Fiber Glass Companies

CASE STUDIES COMPOSITES GENIUS AT WORK

ELECTRICAL UTILITY APPLICATIONS

As materials and processes have evolved, the use of composites for electrical applications has expanded. The durability, strength/weight ratio and natural fire-retardant attributes make reinforced plastic an outstanding solution for many electrical utility products.

Customers looking for expertise in material technology to advance new products find that MFG offer not only the technical knowledge, but also know-how to recommend ways to optimize the design for efficient manufacturability. We bring 30+ years of producing economical, extremely durable electrical good to bear – for your success.

MFG possesses many formulas for a variety of electrical applications and can also formulate a custom solution for your specific product needs. Customers are discovering our [PRiME process](#) to be the Best in Class option for transformer housings over SMC and hand lay-up. PRiME allows for thinner vertical walls with better strengths, which produces better compressive strength for underground applications. Cycle times still provide for high volume applications.

Utility Enclosure

- **Process and material:** Resin infused glass/polyester
- **Special genius:** A design that incorporated doors, hatches, and access ports.
- **Customer satisfaction criteria:** MFG's pragmatic approach to design, development, and production enabled the customer to penetrate a new market historically dominated by a single supplier.

We welcome the opportunity to discuss how MFG could be of service to you.

To learn more about our custom molding services, please contact one of the two composites experts below.

Alec Raffa

araffa@moldedfiberglass.com

mobile 440-813-1188

office 440-813-1188 (USA EST)

For more information on MFG visit <http://www.moldedfiberglass.com>