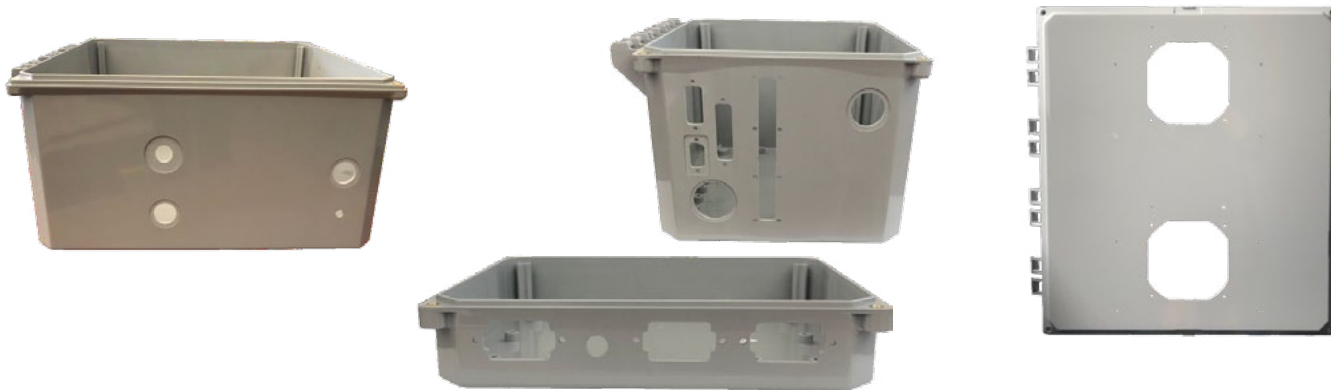


## SEALCON POLYCARBONATE VS FIBERGLASS

Feature	Polycarbonate	Fiberglass	
Impact Resistance	✓	✗	The average Fiberglass enclosure's tensile strength is approximately 220 in/lb. Polycarbonate has a tensile strength of 900 in/lbs. and has over 4 times the impact resistance of Fiberglass.
Weight	✓	✗	Whether it is saving on shipping costs or the ability for one person to carry and install a product in an enclosure, weight is increasingly important.
UV Resistance	✓	✗	Fiberglass UV protection is offered as a shield or other coating that attempts to protect the fibers from the inevitable deterioration or even failure of the exterior coating. With polycarbonate, the UV inhibitor is in the formulation and is uniformly integral to the enclosure.
Ease of Modification	✓	✗	Fiberglass is tough on tools and often chips while machining, leaving sharp, unsightly edges. Also, fiberglass, upon drilling or cutting gives off a very fine dust that is difficult to clean up and is a skin and lung irritant. Our polycarbonate enclosures are easy to modify, do not give off dust and leave a clean, attractive surface with no sharp edges.
Eco-Friendly	✓	✗	Whether during the manufacturing process or at the end of the enclosure's life, fiberglass material cannot be reused and is destined for landfills.
Damage from Shipping/ Handling	✓	✗	Fiberglass is a very brittle material, to the point that it risks damage anytime it is dropped or mishandled in any way. Because of its durability, polycarbonate is rarely damaged from shipping or handling.

## MACHINING CAPABILITIES

From the simplest of modifications to the most complex, you can custom machine to your specifications—just ask us!



## COLOR CUSTOMIZATION

If you'd like to color customize your polycarbonate enclosure, there are multiple standard color options to choose from.

Colored enclosures have the same UL rating and temperature ranges as standard gray enclosures.

- Blend your enclosure into the environment
- Match your company colors and logo
- Make your enclosure stand out for safety precautions
- 100 Piece Minimum

