

Materials

- Aluminum

Metal fabricators now shape aluminum for an incredible variety of functions. Using fabrication techniques such as CNC machining, stamping and cutting, they can create anything from computer parts, packaging and home appliances to locomotive and nautical components

- Carbon steel

Carbon steel is ferrous like any other type of steel—and that has its advantages. Ferrous metals are known for their durability and tensile strength. But carbon steel's higher carbon content makes extreme hardness its most unique and beneficial property.

- Stainless steel

Relatively high strength and work hardening rates, stainless steel is malleable enough to be bent, folded, machined, welded, deep drawn, or spun

- Inconel

Inconel is considered a super alloy and special metals with specific applications. It has several characteristics that make it a desirable metal. Inconel alloys are resistant to corrosion which makes it suitable for some extreme environments. It is also resistant to oxidation and can withstand high temperatures

- Titanium

Titanium is commonly used in marine, industrial, medical, aerospace, chemical processing, consumer, and sporting products. Originally, it was used in the military aerospace industry because it has a strong density and structure

- Carbon fiber

The benefits of carbon fiber are many, including strength and weight reduction. This makes it a great material for adding parts to weight-sensitive projects.

- Plastic

Plastic's malleability and cost-effectiveness can make it a versatile and durable material for a range of different products.

- Ballistic glass

Kontek is a leader in ballistic glass & windows with protection for UL 752 and NIJ standards up to and including .50 caliber armor piercing projectiles and blast protection ranging to more than 105 PSI.