

Glycon Barrels

About Glycon

Glycon has offered molders a unique combination of high performance products including custom designed and wear resistant screws and barrels, QSO valves, tie bars and feed housings.



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Glycon Corp. has been supplying barrels for plastics processing machinery for over 40 years.

- **Injection Molding**
- **Blow Molding**
- **Extrusion**



For processing today's materials with fibers and additives, as well as recycled materials including PCR's and composites.

Glycon is a leader in centrifugally cast bi-metal cylinders. Barrels are available with internal liners designed for wear resistance when processing abrasive materials; and for corrosion protection when processing highly corrosive materials like acidic salts, flame retardants and vinyls.

Glycon barrels provide extended processing life and optimum performance through utilization of the appropriate alloys for specific abrasion resistant and corrosion resistant environments.

Glycon barrels provide longer retention of O.E.M. clearances for increased output and product quality.

The centrifugal casting process entails heating of (2) different metals in a high temperature furnace. The metals are heated to temperatures above 2000°F. When the alloy is melted, the capped cylinder is placed onto casting rollers and spun at high rates of rotation which disperses the melted alloy uniformly in thickness, hardness and density.



After cooling the caps are removed and the cylinder bore is honed to the finish I.D. specifications. The inlay or outside layer of the bi-metal liner normally finishes to .050 - .060 thickness.



For standard O.E.M. replacement or custom engineered designs, the Glycon team will work with you to supply the right product for your application.

Contact us for more information or for a quotation.

Choice of centrifugally cast bi-metal liners...

- X - 102 ® Nickel-rich iron/boron alloy
- W - 666 ™ Iron/boron
- X - 306 ® Corrosion resistant alloy
- W - 555 ™ High nickel content
- X - 800 ® Tungsten carbide with corrosion resistant nickel
- W - 777 ™ High carbide alloy