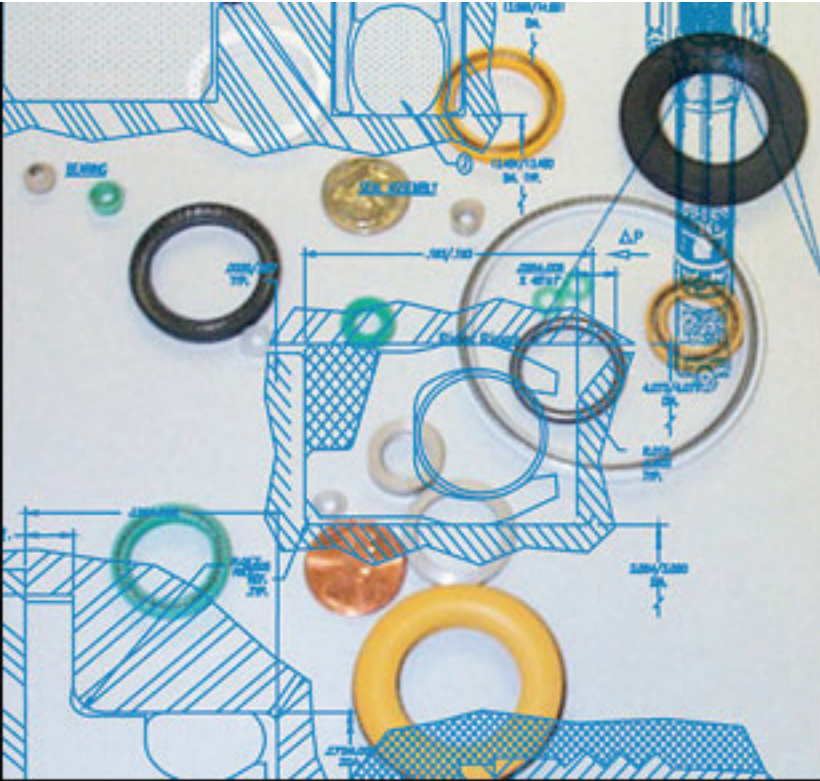




Engineered Polymer Solutions

Polymer Seal Technology for Customized Solutions

Many industries today are still accepting the poor performance of BUNA rubber, Teflon® and Viton® sealing materials. Chesterton's unique red polymer material has been specified into presses and cylinders for many large automotive manufacturers for its unmatched reliability and performance. Now there are several new materials and seal profiles that can be custom machined to nearly any size in hydraulic/pneumatic, reciprocating, rotary, and several other industrial applications. Please see the links on this web page for several examples of custom designs and applications.



Engineering a Polymer Seal

DuBric can provide a polymer seal technology that is specifically engineered for your application. The process begins by a DuBric Equipment Reliability Specialist meeting with you to document important operating conditions such as pressure, temperature, speed, and fluid characteristics. This information is reviewed by highly experienced polymer seal engineers who then recommend a seal material and seal design profile that best suits your specific application. Most technologies are available to be delivered in 48 hours to accommodate emergency orders.

