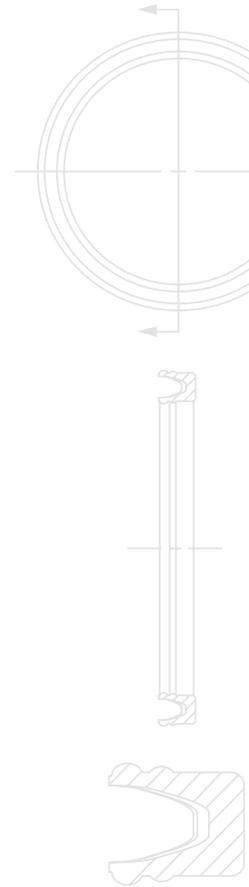


O-Rings & Kits  
Wipers  
Compounds  
Custom Parts  
Specialty Parts  
Services  
Wear Guides  
Rod & Piston Seals

# Custom Machined Plastics

QUALITY | VALUE | SERVICE



Machined Plastics



# Wiggle room is not an option.

There's no room for compromise if your business relies on lasting, consistent quality seals. RT Dygert supplies seals and related customer-designed parts to demanding OEMs in the fluid power, chemical processing, agricultural, food & beverage, plumbing, wind energy, aerospace, automotive and other markets. Our manufacturing processes include injection, compression and transfer molding as well as machined plastics.

Our seal vendors include respected domestic and international companies with strong quality engineering programs. Additionally, RT Dygert provides extensive value added services such as JIT/Kanban programs, pre-production and kitting, engineering design, special marketing and packaging options and much more.

For more specific material recommendations, please refer to our compounds brochure. For more information, quick quotations, expert consultation and responsive customer service call us at 866.783.8883 or visit [www.rtdygert.com](http://www.rtdygert.com).

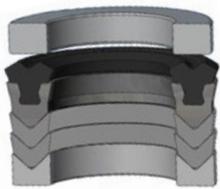
QUALITY | VALUE | SERVICE

## TYPES OF MACHINED PLASTICS



### SPRING ENERGIZED

A rigid plastic such as PTFE, UHMWPE, Acetol, PEEK or nylon is used in conjunction with a metal spring. Available in many different filled PTFE and spring force combinations.



### VEE-STACKS

A multiple stack of vee rings and adapters to pack glands for applications with large radial deflections. New improved design with snap-together components in a combination of thermoset rubbers, filled PTFE and thermoplastic parts.



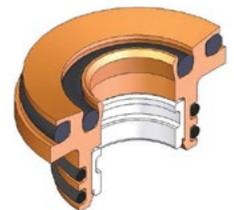
### U-PACKINGS

A PTFE jacket with a thermoset rubber core used to re-pack worn stems on gate valves. The two materials are joined during manufacturing with a chemical and mechanical bond.



### CUSTOM ROTARY

For severe rotary applications a bonded thermoset rubber or thermoplastic to a PTFE cap is required. This combo seal will reduce friction torque and can handle higher temperatures and greater eccentricities than conventional rotary seals.



### CUSTOM DESIGN

With our highly trained engineers, RT Dygert can design a custom seal for even the most complex applications. We love a challenge and have the experience to design a working solution on time and on budget. Just ask!



# Our reputation is unleakable.

There's a reason RT Dygert is one of the largest industrial seal distributors in the world. Our customer service levels are unmatched in the numerous markets that we serve, a few of which we have listed here. We have large accessible inventories, multiple locations, in-house engineering, quality control systems and an expert consultative sales staff. RT Dygert's mission is to give you a one-stop seal sourcing experience that merits your highest seal of approval.



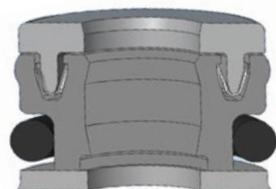
## MEDICAL

The medical market demands only the best suppliers and RT Dygert is a leader in the medical field. We understand the stringent requirements and know the products. Whether a seal is required for a new artificial joint, surgical tool, dialysis pump or MRI machine, RT Dygert has the in-depth experience to ensure your product's success.



## OIL & GAS

From upstream to downstream applications, RT Dygert has a proud history of producing solutions to the oil and gas markets. We've provided the perfect seals for BOP, MWD, JARS, injection pumps, petrochemical processing and cutting tools.



## ROBOTICS

Robotics is an ever-evolving field and requires a company that's constantly a part of that leading edge. We can provide seals from pneumatic activators used in manufacturing to the most complex robotics used in clean room applications or nuclear facilities.



## PUMPS & VALVES

With so many different types and sizes of pumps and valves moving many different mediums, a quality supplier like RT Dygert is essential. RT Dygert has numerous seal materials and in a wide range of sizes for such a market.



## AUTOMOTIVE

RT Dygert has this segment covered bumper to bumper. We've provided seals for suspensions, transmissions, engines, sensors, turbo chargers, fuel systems and just about every other area that demands the perfect seal.



## WIND ENERGY

As renewable energy demand grows, RT Dygert is at the forefront with custom seals designed precisely for that industry. We're experienced in seals for power generators and excluders. And working with us is a breeze.



## FOOD & BEVERAGE

RT Dygert satisfies this market's appetite for fine seals. We seal the soda machine's syrup, help perfect pumping chocolate and serve up solutions unique to that business. We have an impressive inventory of FDA, NSF and USDA approved materials that easily meet the crucial demands of the food & beverage industry.



**NOTE:** Capabilities shown in this brochure are directly related to design tolerances. Please consult with RT Dygert for your specific application.

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