

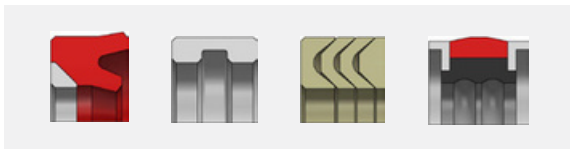
# CNC MACHINING SERVICES

Prototyping and rapid seal manufacturing.

## OVERVIEW

We can produce large and small runs of custom parts and proto- types—saving you the initial expense of tooling. Our Engineering department can also assist in designing and drafting your custom sealing system. Give us a call or send us a drawing!

### Machined Plastic Parts



We produce custom seals in small or large quantities up to 25-1/2" in. (650 mm) O.D. in-house and 39-1/4" in. (1000 mm) sourced through our business partners. We can produce more than 115 standard profiles, and more.

### Custom Machined Seals

In addition to custom seals, we also produce simple and complex plastic parts in single piece to large quantity orders. Components such as bushings, bearings, washers, grommets, backups, gaskets, shims, guide liners, valve seats, etc. are available on demand.

## Material Selection

| Common Elastomer Billets     | Engineered Thermoplastics |
|------------------------------|---------------------------|
| Nitrile (85 duro)            | Virgin & Filled PTFE      |
| HNBR (85 & 90 duro)          | Virgin & Filled PTFE      |
| Ethylene Propylene (85 duro) | Acetol (POM)              |
| Fluorocarbon (85 duro)       | Nylon                     |
| Aflas (85 duro)              | Urethane                  |

## Ordering Requirements

- Custom drawing (SolidWorks/CAD)
- Dimensional tolerances
- Material requirements\*
- Required quantities

\*If unsure of material selection please consult A.R. Thomson Engineered Solutions Inc. (ARTES) regarding your application.