

## Rapid Seal

### Rubber & Plastic Machining

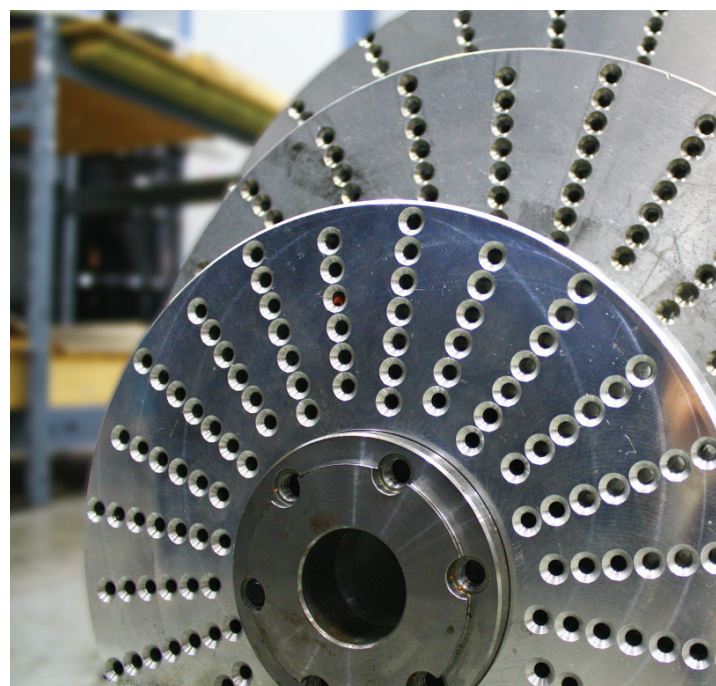
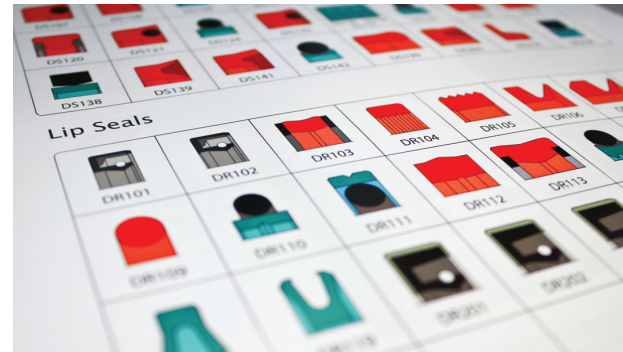
Hi-Tech Seals' machining facilities are located in Edmonton, AB and Winnipeg, MB. Customers can select from one of our 120+ pre-programmed seal profiles, or create a custom seal by providing a sample or drawing.

### Rapid Prototyping

While working with Hi-Tech Seals', customers can gain access to our experienced engineering, drafting and machining staff for additional support. Our in-house machining department is capable of machining prototypes quickly and without expensive tooling costs. This allows Hi-Tech Seals to provide prototype parts for testing purposes, typically within the same week.

### Capabilities

Hi-Tech Seals has several CNC lathes, multiple NC machines, milling and live tooling capabilities at our disposal. Hi-Tech Seals can create custom profiles ranging from ¼" (6mm) I.D. up to an O.D. of 29" (737mm).





## Materials

Hi-Tech Seals stocks rod and tubes of plastic and elastomer materials for production and direct for sale.

### Plastics:

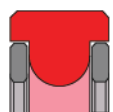
- Nylon
- Acetal
- Hytrel®
- UHMW
- Torlon®
- PEEK
  - › Virgin
  - › Carbon Filled
  - › Glass Filled
- Ekonol®
- PTFE
  - › Virgin
  - › Bronze Filled
  - › Carbon Filled
  - › Carbon/Graphite Filled
  - › Glass Filled
  - › Moly/Glass Filled

### Elastomers:

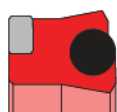
- Nitrile
- Highly Saturated Nitrile
- Ethylene Propylene
- Viton®/Fluorocarbon
- Aflas®
- Chloroprene
- Urethane

## Standard Profiles

Hi-Tech Seals' Computer Aided Manufacturing (CAM) software has over 120 pre-programmed seal profiles. We recommend contacting a Hi-Tech Seals' representative to assist with selecting the proper profiles for the sealing needs;



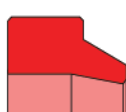
Rod  
Seals



Piston  
Seals



Lip  
Seals



Wipers



Guide  
Rings



Back-Up  
Rings



Gaskets

To view pre-programmed profiles, request a copy of our Rapid Seal brochure or visit us online at [www.hitechseals.com](http://www.hitechseals.com).

