



**Parkside Industries Corp.**

PTFE Compression Molding Specialists

## Frequently Asked Questions



## Frequently Asked Questions

### Section 1.1

### FAQ

#### Why Use PTFE?

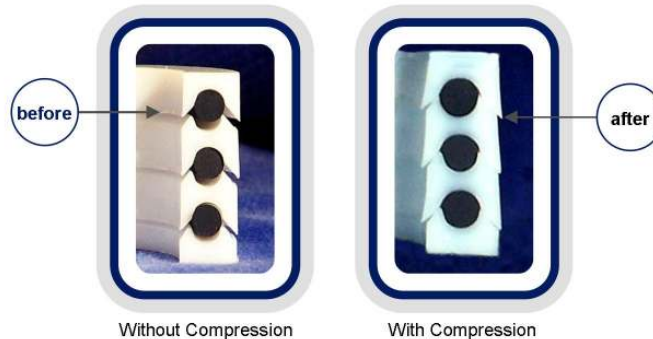
PTFE resins have excellent physical properties for a wide range of sealing applications. They are essentially chemically inert and have a wide operating temperature. They are pliable, yet resilient. They have a very low coefficient of friction.

#### Are Different Resins Available?

Yes. Although we deal primarily with unfilled PTFE, we do stock some of the commonly used compounds such as fiberglass, carbon/graphite, and moly filled. We use only prime-grade, virgin resins in our operations. We do not use mechanical-grade or re-processed resins at any time.

#### How Do Your V-Ring Seals Work?

Here are photos illustrating a packing with and without compressive force applied. Note the “flaring” action of the sealing edges.



#### Are Custom Sizes Available?

Yes, for a nominal set-up charge. We do have size limitations, so please contact us with your requirements.



## Frequently Asked Questions

### Section 1.1 (con't)

### FAQ

#### Are Custom Configurations Available?

Yes. All of our standard packing ring series can be custom configured. Here are some examples:



F/3V/M



F/8V/M



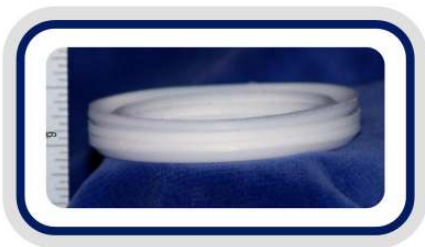
F/xV/M/Wiper



F/3V/M (black)

#### Are Custom Stack Heights Available?

Yes. Our unique process allows us to vary heights/thickness within limits. Please contact us.



225-195V (thin)



225-195V (thick)



## Frequently Asked Questions

### Section 1.1 (con't)

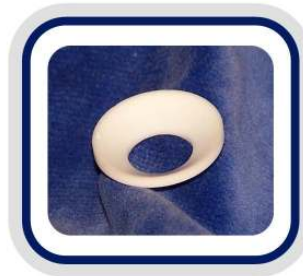
### FAQ

#### Are Custom Shapes Available?

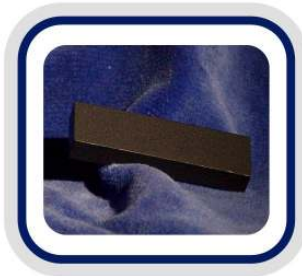
Not all shapes and geometries are compression moldable so be sure to contact us. Please see acceptable examples below.



SS Disk



Honeywell Cone



PFI Black Block



Tri-Tech

#### What Is The Pressure Rating?

Working pressures are highly application dependant: Is the seal static or dynamic? What is the surface finish on the mating parts? What is the operating temperature? The resin itself is non-porous so there will be very little leakage through the packing ring set itself.

#### How Much Pressure Is Required To Create A Seal?

The same issues apply as for pressure rating (see above). Tighten the available adjustments until a seal is acquired. Keep in mind the resin will cold-flow somewhat on initial assembly so some subsequent adjustments may be required.



## Frequently Asked Questions

Section 1.1 (con't)

FAQ

For more information please contact us using  
the information provided below.

**Parkside Industries Corporation**  
3692 N Milwaukee Avenue  
Chicago, Illinois 60641

Tel 773-282-3787  
Fax 773-282-2333  
Email [sales@parksideind.com](mailto:sales@parksideind.com)  
Web [www.parksideind.com](http://www.parksideind.com)