

News and Information on Innovative Sealing Technologies

# LEADER *of the pack*

**JOHNSON PACKINGS**  
& INDUSTRIAL PRODUCTS INC.

## PRODUCT SPOTLIGHT

### THERMOSEAL'S NEW PERFORMANCE TECHNOLOGY GROUP

Thermoseal's Performance Technology Group is a new line of gasket materials including Multi-Layer Technology sheets and Advantage Roll Goods developed specifically for the Original Equipment and Aftermarket industries.

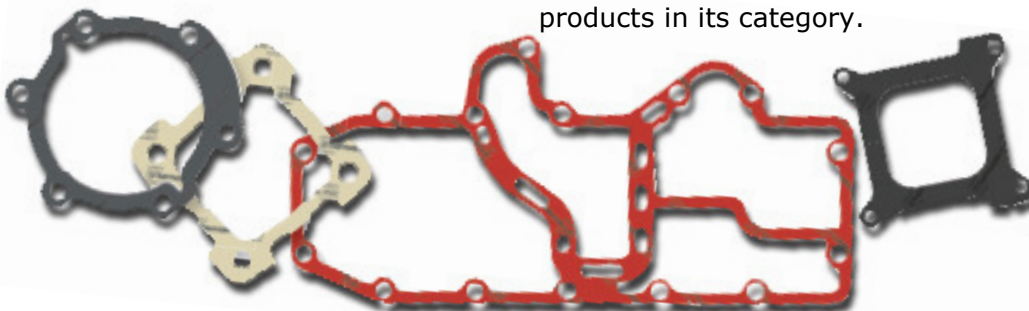
These two product lines meet a diverse range of performance and engineering requirements for various sealing applications in diesel and gasoline engines, in drivelines for all types of vehicles as well as gaskets in power equipment, generators, pumps, and compressors.

#### Multi-Layer Technology Sheets

A unique manufacturing process produces this sealing material with exceptional low flange pressure sealability and torque retention. Conformable outer layers prevent interfacial leakage while the strong, high density core provides structural support and prevents interstitial leakage. Suitable for heavy duty diesel, compressors, and high performance automotive engines.

#### Advantage Roll Goods

This line of sealing material is comprised of NBR, SBR and polychloroprene bound beater addition materials supplied in roll form. Advantage Roll Goods perform in a wide range of applications from low cost aftermarket to higher performing OEM seals. Advantage Roll Goods may well be nearly identical in composition and specification values to products you are familiar with. Each is a reasonable alternative with comparable performance to other products in its category.



## PERFORMANCE TECHNOLOGY GROUP

A complete range of OEM and Aftermarket gasket materials

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## PARKER O-RINGS

Johnson Packings offers the complete line of Parker Hannafin O-Rings, including the latest in perfluorinated elastomer technology—Parofleur ULTRA™.

These new perfluorinated materials are formulated specifically to seal—and keep on sealing—under the most extreme physical conditions.

They offer improved compression set resistance, high-temperature capabilities, and broad chemical resistance that allow them to outperform and outseal

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typical perfluorinated elastomers in the following applications:

**Semi-conductor Fabrication**— where aggressive chemistries and high temperatures are present in the equipment used to manufacture integrated circuits or chips, and purity is absolutely necessary.

**Chemical Processing**— where fluid handling equipment (pumps, mechanical seals, valves, reactors, flanges, fittings and other process equipment) is exposed to high temperatures and aggressive chemicals.

**Energy Exploration & Production**— where downhole conditions demand superior chemical and temperature resistance.

**Pharmaceutical Manufacturing & Equipment**— where applications require low contamination from extractables, or where sterilization with aggressive chemicals is required.

**Aerospace Applications**— where engine temperatures may reach 320°C/608°F, or where sealing materials may encounter aggressive fluids.

**Automotive & Heavy Truck Applications**— where resistance to high temperatures and a broad range of fuels and automotive fluids is critical.

**Industrial Harsh Fluid Handling Processes**— where standard seal materials may break down due to severe chemical attack.

For more information call 1-800-356-0061



## INSULATE YOUR INVESTMENT

Most importantly, removable insulation covers allow corporations to eliminate unnecessary heat loss and reduce energy costs. Additionally, they provide protection for their employees from exposed high-temperature surfaces, safeguard expensive equipment and machinery from harsh environments, and still allow periodic inspection and maintenance of what are normally critical components.



With experience in insulating pipes, valves, heat exchangers, pumps, etc, etc, Johnson Packings can supply your organization with removable insulation covers to help you protect your investment in capital equipment.

## INPRO/SEAL CDR



Johnson Packings is a proud distributor of Inpro/Seal, the worldwide leader in permanent bearing protection.

Inpro/Seal has developed a new line of bearing protection devices that will extend the life of your rotating equipment; the NEW Inpro/Seal Current Diverter Ring (CDR).

Electric Motors that are controlled by variable frequency drives (VFD) have destructive induced stray shaft currents that are normally discharged through the bearings. Failure to properly ground these currents can result in unexpected outages and expensive damage. They can cause fusion craters, pitting, frosting and fluting, resulting in premature failure of the bearings. Visit [www.johnsonpackings.com](http://www.johnsonpackings.com) for more information.



**INPRO/SEAL  
COMPANY**

## TEKLEEN FILTERS

Have you ever thought of purchasing a water filter for your organization? Now may be the best time to purchase a TEKLEEN® Automatic Filter.

In the northeast at least, what starts with breathtaking fall foliage ends with the chore of raking leaves. In manufacturing, those same falling leaves have the potential to harm your production process. Cooling water is often contaminated by airborne dust, sand, pollen, algae, and pipe scales. In the coming months, as leaves fall, decay and breakdown, they will eventually enter the water supply, creating additional sediment in your cooling water.

These contaminants circulate through heat exchangers, chillers, and compressors, significantly reducing the system's cooling ability. Particles foul the water by settling on warm surfaces. Scale formation reduces the heat transfer rate and increases the water pressure drop through the heat exchanger, condenser, and pipes.

Filtration is one of the simplest and most convenient ways of solving these problems.