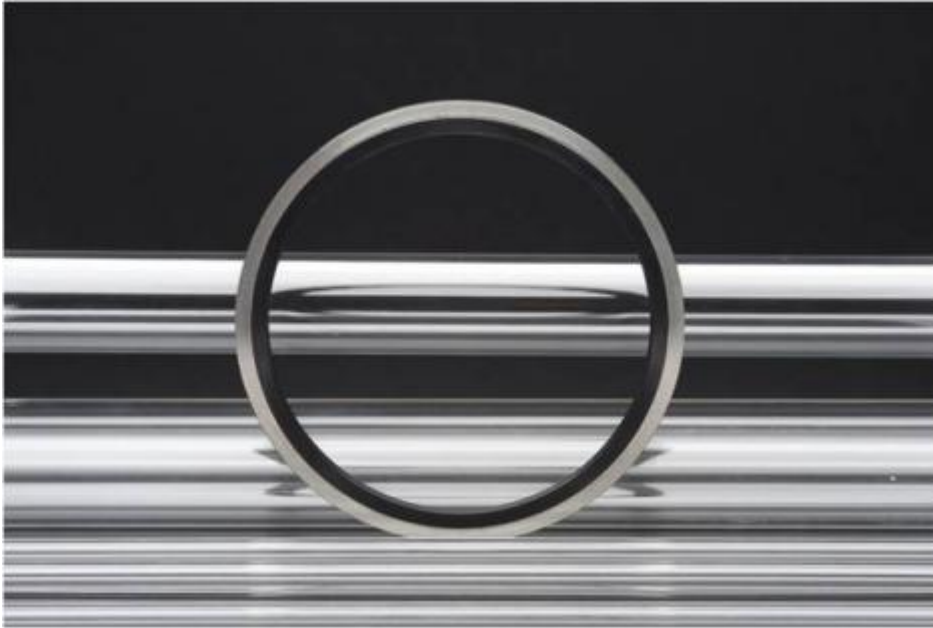


## BONDED SEAL & PFS



The bonded seal consists of a metallic insert with a vulcanized rubber compound profile which is bonded to the internal diameter.

It has been developed to obtain both pressure resistance and vibration resistance in high pressure and temperature conditions where metallic washers are unsuitable.

Bonded seal can be used in a wide range of applications in the fluid transfer area : fuel systems, HVAC systems, hydraulic systems and pneumatic systems

The specific development of the PFS Flange seal brings innovation in pipes assembling for all markets, such as oil&gas, food, steam, lines...

Our rubber compounds include market dedicated approvals (Norsok, Total PVV142...).

- Products Family: **Bonded and Overmolded Seals**

## TECHNICAL FEATURES

- Dimensions, inner diameter from 15mm to 600mm (0.6in to 23.6in).

- Metal inserts: mild steel, stainless steel, brass, aluminum, etc.
- Range of compounds: NBR, HNBR, FKM, EPDM.

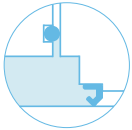
## **BENEFITS**

- Low Maintenance

## **MARKET AND EXPERTISE**



AUTOMOTIVE & TRUCKS



Precision Sealing Systems

## **ALL PRODUCTS FAMILIES**

# **All Products Families for Automotive Precision Sealing Systems**



## Shaft Seals

They ensure the perfect sealing on rotating, or translating shafts under a large range of temperature. Our Dynamic Seals maintain lubricants in engines and transmissions while avoiding any foreign particles or fluid pollution.



## Bearing Seals

Our Bearing Seals guarantee the sealing for wheel, clutch, belt-tensioner or suspension bearings. Compounds, friction surfaces and lubricants are chosen and designed for lowering the energy consumption.



## Bonded Pistons

They transfer very rapidly hydraulic pressure to rotate or translate mechanical elements like clutches. Our compact design, associating homemade compounds and metallic or plastic inserts, offers a power efficient solution.



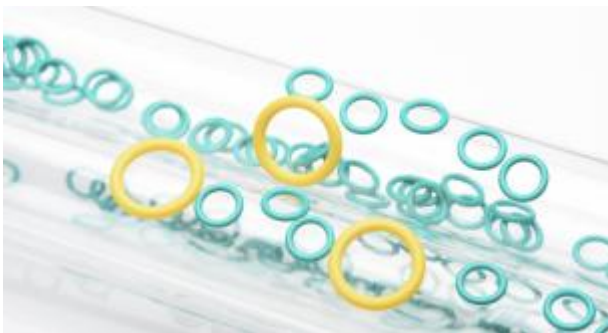
## **Magnet rings**

Thanks to the magnet pattern printed in an elastomeric or plastic compound, our Encoders can accurately provide position, direction and speed of a rotating shaft. You find it operating in engines, transmissions and ABS systems.



## **Precision Static Seals**

Braking, fuel, oil, air, water systems are operational if they do not leak. Their reliability results from our Precision Static Seals, made of approved materials, tailor made designs and mastered processes.



## **O-Rings**

Our O-Rings ensure perfect static and dynamic seals between two parts assembled radially (shafts) or axially (covers). Our O-Rings can withstand the most extreme temperatures and fit in the smallest spaces.



## **Grommets and Hole Covers**

Our Grommets and Hole Covers let only a wire harness or the steering column pass through the wall. No dust, no water, damped sounds and controlled heat flows are its goals. Thanks to our designs and proprietary materials.



## **Bonded and Overmolded Seals**

We provide highly effective static sealing solutions with maximum resistance to very high pressure and temperature such as: Access Panels, Flange Seals, Interface Seals, DT Seals.

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