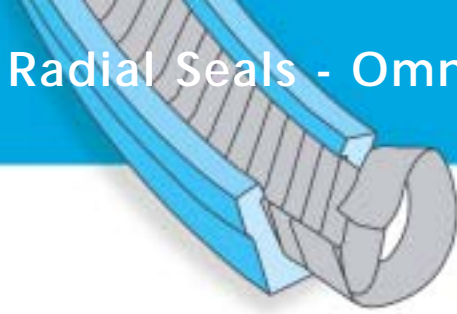


# Radial Seals - OmniSeal Series RP II



## Radial Seal

The OmniSeal RP II utilizes a wrapped and formed ribbon spring. The design offers the utmost in spring deflection for otherwise difficult sealing applications, and may be used for reciprocating and slow rotary motion in dynamic as well as static sealing.

The Omniseal RP II seal is one of the most rugged of all Saint-Gobain Performance Plastics seals, and will often work under the most severe mechanical conditions when other designs fail. Available in most aerospace, military and industrial gland sizes, as well as larger cross sections.

Radial	Standard Lip
Standard Heel G Width	
Part No.	320
Extended Heel G <sub>1</sub> Width	
Part No.	323
Flanged Heel G <sub>1</sub> Width	
Part No.	326



## Part Number System

320 4 1 - X2590 - A01 01 (32041-X2590-A0101)

- 320 Seal Shape (see table above)
- 4 Cross Section (see page 23)
- 1 Hardware Indicator (1 for ID, 2 for OD)
- X2590 Hardware Diameter (in example=259,0 mm)
- A01 Jacket Material (see page 14)
- 01 Spring Material (see page 15)

OmniSeal type RP has the most resilient spring available in spring energised seals. It has been developed for high deflection and average load conditions, both for static or dynamic applications. The typical spring load is marginally higher than with 400A type seals with 2 to 2,5 N/mm circumference.

The OmniSeal RP seal is only available for *radial seal* type designs.

For more information, please contact our technical service and/or fill out the application data sheet on page 27.

