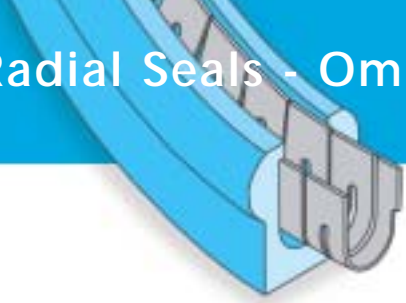


# Radial Seals - OmniSeal Series 400A



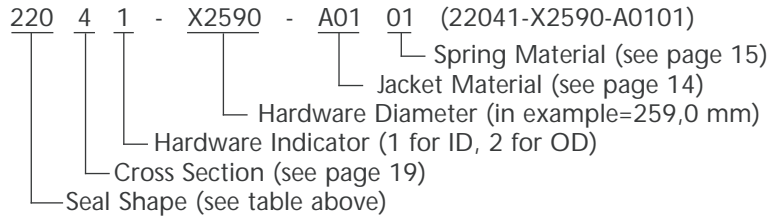
## Radial Seal

The OmniSeal 400A utilizes a cantilevered finger spring design. This unique spring design provides more dynamic runout and wider gland tolerances. Seal friction is reduced substantially, yet remains consistent with positive sealing in both low and high pressures. Available to fit all aerospace, military and industrial gland sizes. Larger cross sections up to 3/4" are also available.



Radial	Standard Lip	Skived I.D. Lip	Skived O.D. Lip
Standard Heel G Width			
Part No.	220	221	222
Extended Heel G <sub>1</sub> Width			
Part No.	223	224	225
Flanged Heel G <sub>1</sub> Width			Other shapes available on simple request
Part No.	226	227	

## Part Number System



OmniSeal type 400A has been designed for dynamic applications and therefore typically features a lower load spring. In order to obtain the best possible sealing performance, mating surfaces must have a smoother finish than required for type 103A seals. Static surfaces should also have a smooth finish to accommodate the lower load spring performance.

The standard spring load averages 1,5 N/mm circumference, but can be tailored to higher and lower loads. Such loads may be required for extremely low friction values or for enhanced sealing integrity at slower dynamic speeds.

The 400A seal is also the preferred seal for High Temperature/High Pressure applications. The largest possible cross section should be selected, particularly where application temperatures are in the extremes.

Also available in face seal design.

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

