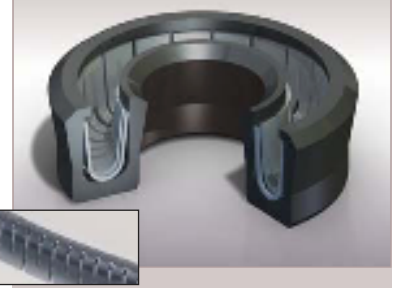


100 Series - Cantilever Spring Design

Cantilever spring energized seals, highly dynamic applications

Cantilever spring energized seals are primarily used in highly dynamic applications for rotary and reciprocating equipment because the spring design allows for high deflection with minimal loading. This is the most popular series for spring energized seal designs due to its unique attributes, which help to maximize seal and hardware life.

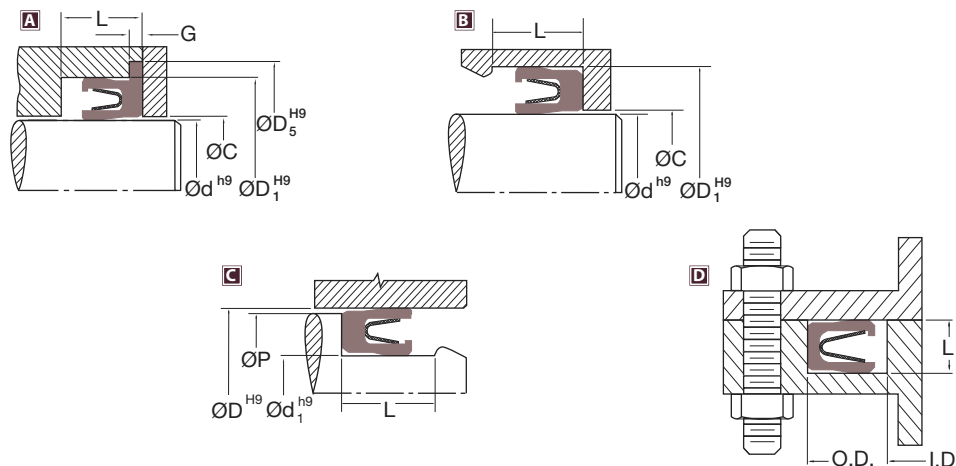
The 100 Series is available in three unique jacket materials to address a broad range of applications. Each seal jacket is used in combination with a high performance, stainless steel cantilever spring to ensure that positive sealing force is applied to the mating surface.



- *Highly dynamic applications, plant-wide usage*
- *Unidirectional designs, available as rod, piston, flange or static seals*
- *Single point profile yields high sealability while minimizing frictional force*
- *All seals made to order, no equipment modifications required*
- *Custom designs and materials available upon request*

SPECIFICATIONS		
Material (designation)	Size Range mm (inch)	Temperature °C (°F)
AWC400 (PTFE) Carbon & graphite	1.2 to 2,032 (0.050 to 80)	-156 to 204 (-250 to 400)
AWC630 PEEK®	1.2 to 254 (0.050 to 10)	-73 to 204 (-100 to 400)
AWC610 UHMWPE	1.2 to 2,032 (0.050 to 80+)	-253 to 82 (-425 to 180)

PEEK® is a trademark of Victrex plc.



PRODUCT PROFILES:



EPS100



EPS101



EPS103



EPS105



EPS107



EPS109



EPS115



EPS119



EPS130



EPS139

To place an order:

Product profile: _____
 Material: _____
 Rod shaft diameter (d): _____
 Bore diameter (D₁): _____
 Flange groove depth (G): _____

To place an order:

Product profile: _____
 Material: _____
 Rod shaft diameter (d): _____
 Bore diameter (D₁): _____
 Groove height (L): _____

To place an order:

Product profile: _____
 Material: _____
 Piston groove diameter (d₁): _____
 Bore diameter (D): _____
 Groove height (L): _____

To place an order:

Product profile: _____
 Inner diameter (I.D.): _____
 Outer diameter (O.D.): _____
 Groove height (L): _____



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- More than 500 Service Centers and Sales Offices worldwide
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