

7K Rod and Piston Seals

Piston cup with rigid base for hydraulic sealing

Chesterton® 7K is a single acting piston cup with a positive, flared lip design to optimize dynamic sealing forces. The rugged construction is the ideal replacement to upgrade from traditional rubber-based construction for use in hydraulic or pneumatic applications.

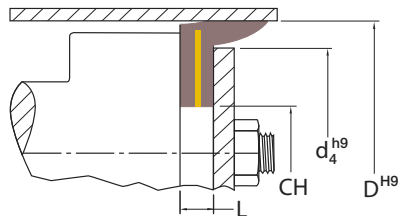
The 7K is manufactured from a custom compression molding process with a supporting brass disc, molded into the base. The resulting rigid base provides a stable, non-distorting, anti-extrusion resistant seal while the center-hole can be custom sized to meet your equipment-specific needs. The 7K1 is polyurethane throughout and is manufactured using a machining process that allows the flexibility to create any size based on equipment dimensions.



- *Positive flared lip design optimizes sealing forces*
- *Supporting metallic brass disc improves seal performance*
- *Long life cup designed to resist swelling, deformation, drag and binding*

SPECIFICATIONS

Material (designation)	Size Range mm (inch)	Temperature °C (°F)	Pressure bar (psi)	Speed m/s (ft/min)
AWC800 (EU)	25 to 711 (1 to 28)	-50 to 85 (-60 to 185)	207 (3,000)	0.9 (185)
AWC805 (EU)	25 to 711 (1 to 28)	-50 to 85 (-60 to 185)	207 (3,000)	0.5 (100)



PRODUCT PROFILES:



To place an order:

Product profile: _____
 Material: _____
 Piston bore diameter (D): _____
 Hold down plate diameter (d₄): _____
 Groove Height (L): _____
 Center hole (CH): _____



GLOBAL SOLUTIONS, LOCAL SERVICE

Since its founding in 1884, A.W. Chesterton Company has successfully met the critical needs of its diverse customer base. Today, as always, customers count on Chesterton solutions to increase equipment reliability, optimize energy consumption, and provide local technical support and service wherever they are in the world.

Chesterton's global capabilities include:

- Servicing plants in over 100 countries
- Global manufacturing operations
- More than 500 Service Centers and Sales Offices worldwide
- Over 1200 trained local Service Specialists and Technicians

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