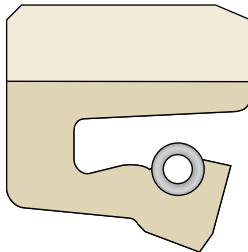


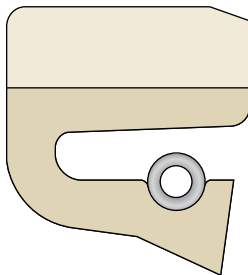
Clipper® Oil Seals

LUP, LPD, LDS Profiles

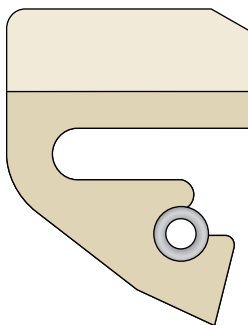
Catalog EPS 5350/USA



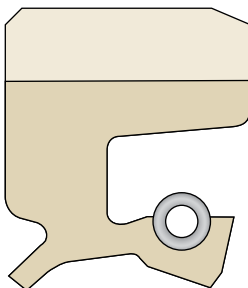
LUP



LPD



LPD — Spring Retainer



LDS

General Purpose Profiles

LUP/LPD — General purpose spring-loaded single lip seal. Features nonmetallic composite OD for damage-free installation. LPD can be furnished with/without spring retainer feature.

LDS — General purpose double lip features nonmetallic composite OD for damage-free installation. LDS profile has a primary spring-loaded lip with a non-spring-loaded secondary lip for exclusion of light dust or contamination.

Application

For oil and grease applications.

Typical applications: electric motors, gearboxes, pumps, fans, runout table, work rolls, paper rolls, mixers and custom equipment.

Technical Data

Operating Temperature Range

NBR: -20 to 250 °F (-29 to 121 °C)

FKM: -40 to 400 °F (-40 to 204 °C)

Common Materials

NBR – H1L5

HNBR – H1L20

XNBR – H1L30

FKM – H5L16

Shaft Surface Speed

LUP/LPD — Up to 3200 fpm (16.25 m/s)

LDS — Up to 2500 fpm (12.7 m/s)

Maximum Pressure

0 to 7 psi (0 to 0.48 bar), depending on shaft speed

Size Range

Available shaft diameter range is 0.375 to 65 inches (10 to 1651 mm).

Important: For full listings of standard sizes, see **Appendices B and C**.