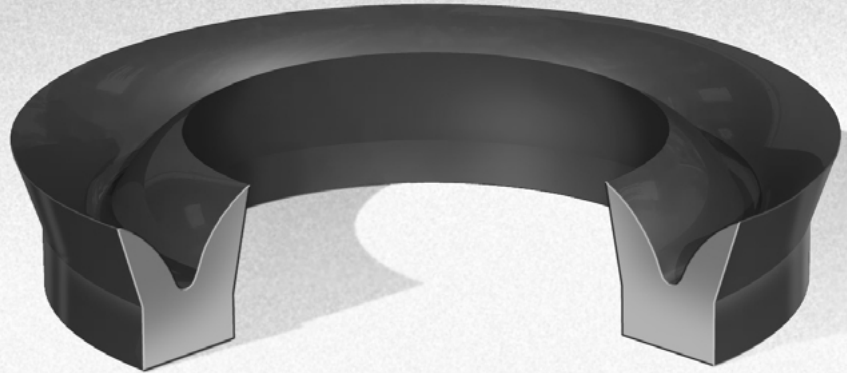






6K – Product Data

Chesterton® 6K seals are U-Cups for **HYDRAULIC** applications, and the answer for older and worn equipment. The 6K Monoseal is molded from fabric and either neoprene or butyl into a reinforced seal responsive to pressures up to 3000 psi (207 bar).

- Designed for use on older, worn equipment.
- Rugged construction is able to withstand pressure shocks from press bumping and shock loading.
- Available materials are NEOPRENE, which performs well in water and oil, and BUTYL, developed to work with Phosphate Ester fluids.



Available Materials and Seal Sizes

Materials		H	S
Neoprene		≥0.75 (19)	≥0.5 (13)
Butyl*		≥0.75 (19)	≥0.5 (13)

0 12 24 36 48
 (0) (305) (610) (914) (1219)
 Minimum I.D. to Maximum O.D. – Inch (mm)

H = Seal Height

S = Cross Section

* = To purchase Butyl, specify on the order

Typical Applications

- Roll balanced cylinders
- Rubber presses
- Laminate presses
- Compression molding presses
- Plywood presses
- Chipboard presses

DELIVERY INFORMATION

- Standard shipment – 12 days or less.



6K – Technical Data

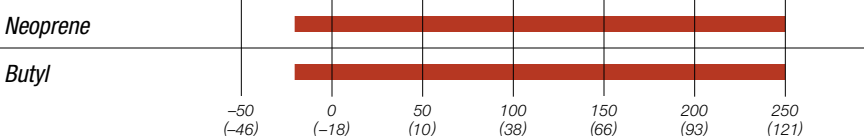
To select a 6K seal:

- Choose appropriate material, based on chemical compatibility. NEOPRENE performs well in water and oil, BUTYL is developed to work with Phosphate Ester fluids.

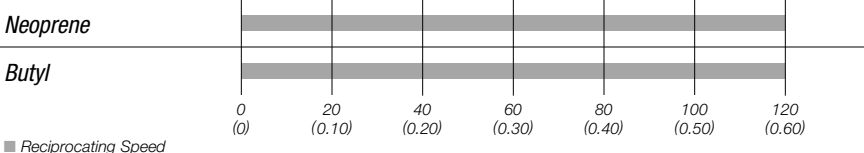
Notes:

- Groove height (L) must be a minimum of .062 inches (1.6 mm) greater than the seal height (H)
- 6K supplied in Neoprene. To order Butyl, state on the order.

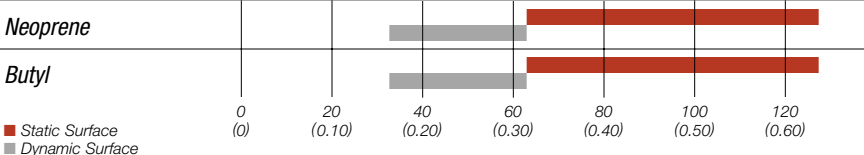
Operating Temperature Range – °F (°C)



Approximate Operating Speeds – ft/min (m/sec)



Recommended Surface Finishes – μ Inch (μ m)



Designations Used in this Section:

Rod seal:

- Rod diameter = (d)
- Groove diameter = (D₁)
- Seal height = (H)
- Groove height = (L₁)