



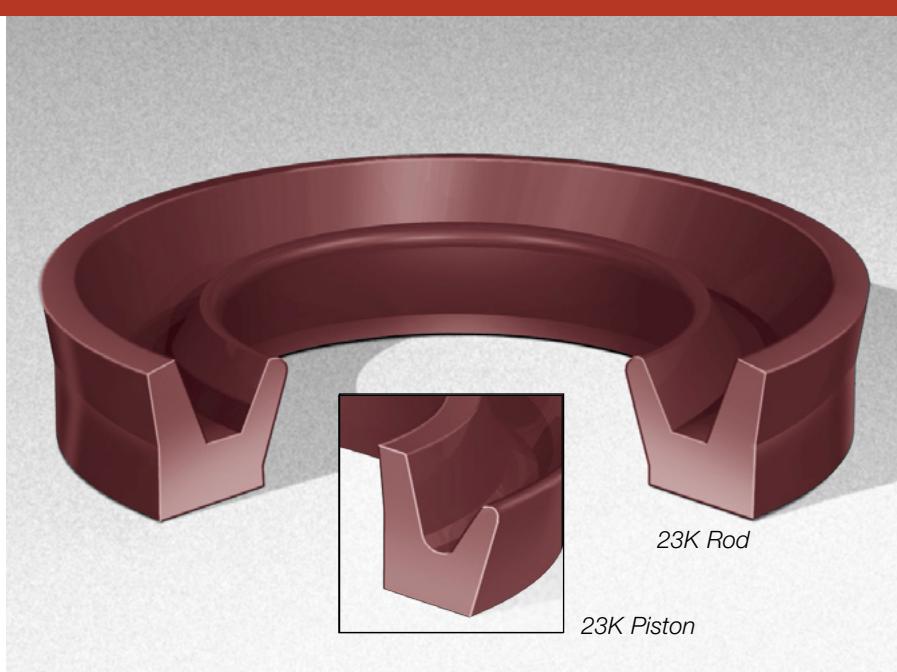
# 23K Ultraseal

## 23K - Product Data

Chesterton® 23K seals are rod and piston mounted U-Cups, for **PNEUMATIC** applications.

The unique design delivers excellent sealing characteristics. Radiused lip produces a continuous lubricating film which minimizes operating temperature and wear.

- Ideal for high volume requirements.
- Available in all standard sizes. Ideal upgrade for OEM, MRO and aftermarket type seals.
- Custom engineered sizing. Eliminates unnecessary re-machining by designing around existing equipment dimensions.
- Unique manufacturing process. New sizes available without tooling or engineering charges.



### Available Material and Seal Sizes

| Material          | H   | S   |
|-------------------|---|---|
| 95A Super Polymer | <br>0 (0)      3 (76)      6 (152)      9 (229)      15 (381)<br>Minimum I.D. to Maximum O.D. - Inch (mm) | $\geq 0.218$ (5.5) $\geq 0.956$ (4.0)<br>$\leq 1.00$ (25) $\leq 0.750$ (19) |

H = Seal Height  
S = Cross Section

- High quality material
- Long term elastic memory
- Resists compression setting
- Tough wear resistant
- Extrusion resistant
- Chesterton's thermoset material maintains its properties within the operating temperature range better than thermoplastic seals

### Typical Applications

|                           |                             |   |                      |
|---------------------------|-----------------------------|---|----------------------|
| • All pneumatic cylinders | • Press brake and clutch    | • Paper mill converting and roll handling equipment | • Printing presses   |
| • Valve actuators         | • Railroad switch equipment | • Packaging machinery                               | • Weld guns          |
| • Control drives          |                             |   | • Clamping cylinders |
|                           |                             |   | • Robotics           |
|                           |                             |   | • Textile machinery  |

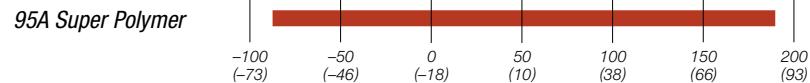
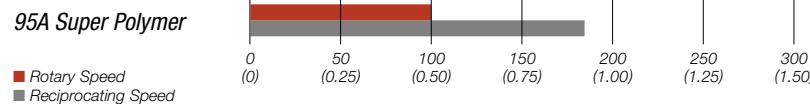
### DELIVERY INFORMATION

- Standard shipment – 5 days or less.
- 24 hour shipment – Available.

**New sizes available for shipment within 24 hours**


**23K Ultraseal**
**23K - Technical Data**
**To select a 23K seal:**

■ Ensure the suitability of material using the temperature, speed and pressure charts provided.

**Operating Temperature Range - °F (°C)**

**Approximate Operating Speeds - ft/min (m/sec)**

**Recommended Surface Finishes -  $\mu$  Inch ( $\mu$  m)**

**Recommended Operating Pressure - psi (bar)**
