

UTEX suretex seals have been designed to perform across a range of pressures and temperatures in either rod or piston applications.

SureTex seals are composed of standard “U” packings that incorporate an O-ring to energize lips that facilitate sealing at low pressures. Similarly, as pressure within the system increases, the O-ring is energized, forcing the sealing lips against the sealing surfaces to maintain a leak free environment. These seals offer true benefits over conventional U-cups or symmetrical packings.

The styles (HS, NS, PS, VS) are used for **pneumatic applications at low pressure** where a more flexible seal lip is advantageous. Depending on material selection, open grooves may be required. Standard and deep styles (HSB, NSB, PSB, VSB) have angled sealing lips and are more commonly used in **hydraulic applications**.

Industries: Oilfield, Petrochemical & Industrial

UTEX SureTex seals can be manufactured to operate across a broad range of temperatures defined by elastomer material selection. UTEX is able to offer these seal types to withstand operating temperatures down to -50°C (-58°F) and up to +300°C (+572°F), however, the true temperature capability is also a function of the extrusion gap size and the system operating pressure.

UTEX SURETEX SEALS BENEFITS:

- **Temperature Tolerance:**
-58°F to +572°F
- **Stability Under Stress:**
O-ring energizer helps stabilize seal jacket
- **Bi-directional Sealing:**
Optional SureTex caps align with sealing lips for extrusion resistance under reverse pressure

ROD ARRANGEMENT
Seals around reciprocating rod or ram



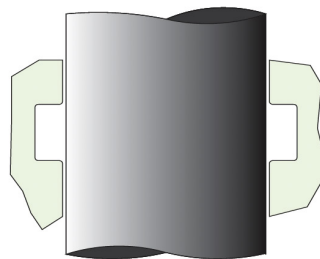
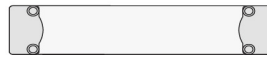
PISTON ARRANGEMENT
Seals between reciprocating piston and cylinder bore



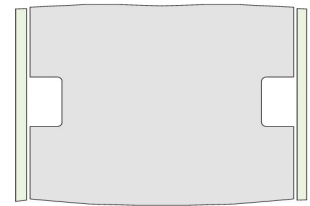
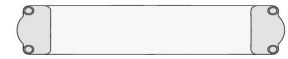
Superior Seals Designed & Manufactured in the USA by UTEX® / ISO 9001:2015 Certified

- Rod and Piston sealing arrangements
- Suitable for single or double acting arrangements
- Standard geometries
- Custom design to suit specific application conditions
- Tooling available for standard sizes
- In-house mold tooling
- Industry leading turnaround
- Component size range from 0.375" to 60.00" diameter
- Complementary products available

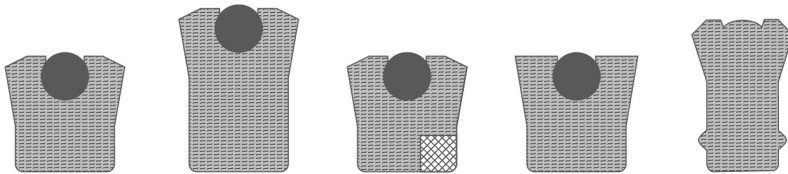
ROD ARRANGEMENT



PISTON ARRANGEMENT



SureTex Seal Styles Available from UTEX:



Standard & Deep:

Angled sealing lips create max sealing force for hydraulic applications

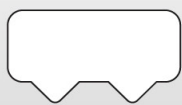
Flat:

Flat tops create flexible seal lip for low-pressure pneumatic applications

ACB:

Sealing bumps on heel enhance stability

Compatible products for SureTex seals are also available from UTEX in a variety of elastomer, urethane, and engineered thermoplastics to suit your application.



SureTex Cap



Wear Bands



PSWR Wiper



P6W Wiper



PWHM Wiper



PWS Wiper



PWSM Wiper

