Trelleborg Sealing Solutions has announced a new capability with the addition of the custom-designed Variseal® SEE to its product line. An extension of the Variseal® family of seals, the Variseal® SEE is a spring-energized elastomer seal specifically developed to add additional design flexibility and expand the material capabilities of Variseal® products. While traditional Variseals® are manufactured from PTFE, the Variseal® SEE features a fully-molded rubber jacket which encases a spring. Spring-energized to combat elastomer compression set, the Variseal® SEE is ideal for applications in which elastomeric sealing properties are desired along with the added assurance of a spring-energized seal. The Variseal® SEE is available in a broad range of materials, and is suitable for poor surface finish applications.

Examples of Applications:
- Beverage machine mixing chambers
- Dispensing equipment
- Hydraulic cylinders
- Wafer handling equipment
- Commercial appliances
- Surgical tools
- Food processing and handling

Features and Benefits:
- Totally flexible/Easy to install
- Design flexibility
- Smooth surface finish
- No parting lines in critical sealing areas
- Possibility for complicated geometries
- Constant sealing force prolongs elasticity
- Long-term machine storage
- Springs available in stainless steel, hastelloy, elgiloy
- Extended life
- No measurable leakage
- Fast prototype delivery

These seals can be used across many industries, including Food & Beverage, Semiconductor, Mobile Hydraulics, Medical and Aerospace.
PERFECT IN A TIGHT SQUEEZE

Product Availability:

Sizes:
• Recommended for diameters < 500 mm / 20 inches

Cross sections:
• .062” / 1.5 mm to .500” / 12.7 mm

Materials:
• NBR
• EPDM
• Fluoroelastomer
• Silicone
• Isolast®
• Other elastomer compounds
• TPE
• TPU

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