

BTUU PACKING RINGS SET



WORLD STANDARD
COMPRESSORS

Ariel's Low Emission Piston Rod Packing

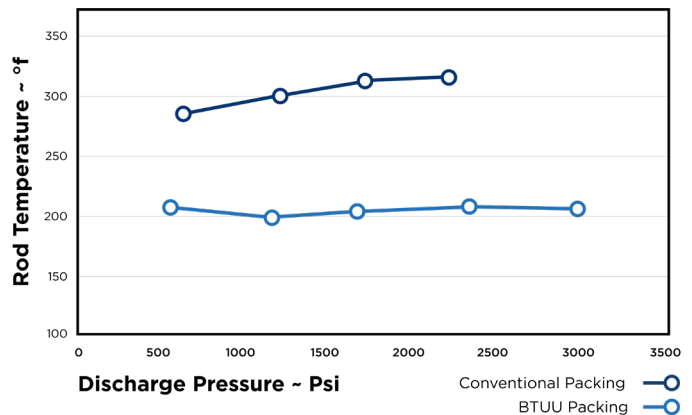
The Uncut Ring Technology replaces the radial cut back-up ring in Ariel's standard seal ring set. Uncut rings eliminate the leak paths of conventional segmented rings resulting in reduced emissions compared to conventional ring sets. Uncut Ring Technology also generates less frictional heat, resulting in improved service life.

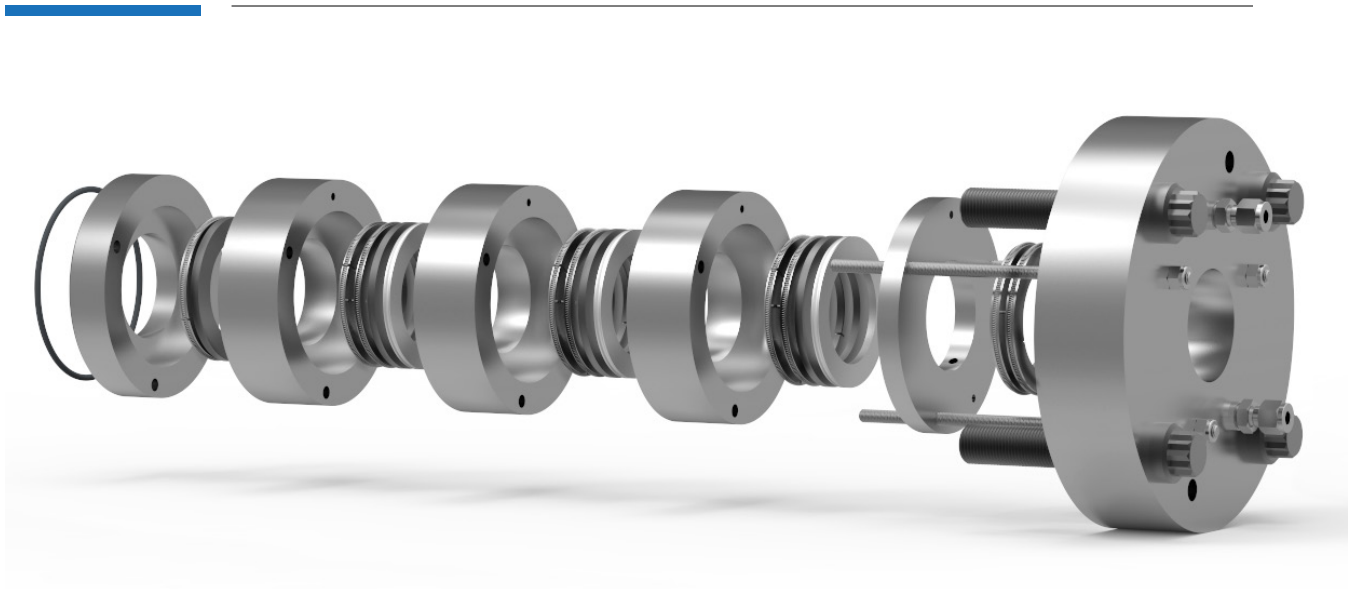


The BTUU ring set includes our latest pressure breaker ring technology. Each seal ring set contains a Radial-cut ring that is single-acting and allows gas to flow out of the cup on suction stroke, a Tangent-cut ring that seals at lower operating pressures, a polymer Uncut ring that seals the leak paths of the tangent cut ring and compresses against the rod at higher differential pressures and a metallic uncut ring that provides structural support for the polymer uncut ring.

The Advantages of Ariel BTUU Technology

The increased sealing capacity of each ring set results in fewer cups and an overall reduction in leakage from the packing case. This decreases the frictional heat load by minimizing the number of rings in contact with the rod. The first ring set does the majority of the sealing, greatly reducing the pressure applied to subsequent tangent-cut rings.





Operational Efficiency

The increased sealing capacity of uncut rings, reduced wear, and improved sealing integrity over the life of the packing means increased overall unit and facility performance

Reduced Fugitive Emissions

When properly applied and installed, along with a piston rod within wear limits, the BTUU piston rod packing has proven to demonstrate reduced fugitive emission leakage rates compared to conventional packing ring sets.

Reducing Your Maintenance Costs

Along with longer run-times, improved efficiency, and prevention of downtime, Ariel BTUU technology means fewer cups required for each packing assembly, reducing your overall maintenance costs.

	Conventional	Uncut
2000 (+) psi	5-7 rings	5-7 rings
800-2000 psi	4-6 rings	3-4 rings
300-800 psi	3-5 rings	3-4 rings
Below 300 psi	2-4 rings	2-3 rings

SUPPORT

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