EagleBurgmann is one of the internationally leading companies for industrial sealing technology. Our products are used everywhere where safety and reliability are important: in the oil and gas industry, refining technology, the petrochemical, chemical and pharmaceutical industries, food processing, power, water, mining, pulp & paper, aerospace and many other spheres. Every day, more than 6,000 employees contribute their ideas, solutions and commitment towards ensuring that customers all over the world can rely on our seals. Our TotalSealCare service underlines our strong customer orientation and offers tailor-made services for every application.

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For more than twenty years, EagleBurgmann Cartex Cartridge Seals have demonstrated a proven track record in sealing applications on all standard pump types in a wide range of industries including chemical, water supply, paper production, food processing and more. Cartex does not utilize a modular design platform like many others.

Modular designs use generic hardware components which result in compromised seal designs. This sacrifices seal performance and reliability resulting in higher total cost of ownership and lower equipment MTBF/operating efficiencies.

Modular designs inherently require:
- Unnecessary additional parts
- Smaller springs and part cross sections
- Added o-rings and potential leak paths
- Seal faces with higher sensitivity to “off pump” operation

Cartex-ASTN and -ABTN (Single Seal with Bushing)
Cartex-ASQN and -ABQN (Single Seal w/Lip Seal)
ASTN & ABTN are designed for operating with an internal steam quench. Flange includes a fixed carbon throttle bushing which also acts as a “disaster bushing”. In the event of primary seal failure, the bushing holds pressure and the drain port directs leakage to a defined location to provide an additional safety option. Available in small bore (ASTN) and big bore (ABTN) configurations. ASQN & ABDN have a lip seal in place of a throttle bushing and allows for use of a pressureless liquid internal quench.

Cartex-ASDN and -ABDN (Dual Pressurized or Dual Unpressurized)
ASDN & ABDN can be utilized as dual pressurized or unpressurized configurations and are an excellent choice in sealing hostile or hazardous process fluid environments. A patented integrated circulating device provides effective cooling for the barrier fluid. Available in small bore (ASDN) and big bore (ABDN) configurations. The dual balanced inboard face design ensures that the seal faces remain closed even in the event of buffer pressure failure or pressure reversal.

What Makes Cartex Different From Other Cartridge Seals

Cartex vs. Modular Design Platform
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Sensitive vs. Robust
Cartex seal faces, o-rings, drive pins and springs are more robust and specifically engineered for superior strength, heat removal and maximum reliability and performance.