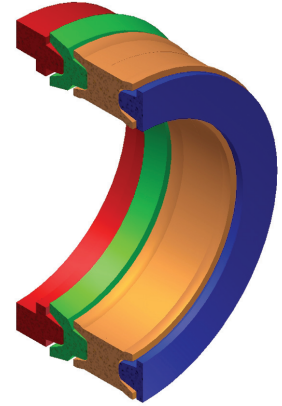


Composite Metal/Polymer “Chevron” Sealing System



Contact Information:

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Applications:

For demanding applications, in terms of sealing action and reliability, Parker has developed a composite metal/polymer “chevron” sealing system offering the following:

- “Bore to shaft” redundant (metal and polymer) sealing
- Both static and dynamic sealing

- High-pressure, high-temperature static and dynamic sealing
- Stacked, composite design allows for either limited reciprocating or limited rotational shaft movement
- For sealing against high-pressure hydraulic well-bore fluids and gases



ENGINEERING YOUR SUCCESS.

Composite Metal/Polymer “Chevron” Sealing System

Features:

- Custom-designed to meet application specifications
- Wide range of sizes available from 1/2-inch to 20-inch diameter
- Wide range of pressures to 30,000 psi and temperatures to 1200°F
- Good for bidirectional pressures
- Tolerates greater axial misalignment of bore and shaft when compared to conventional metal seals
- Multiple material choices for high strength, corrosion and fatigue resistance
- NACE compliant
- Redundancy of many seal rings
- Various combinations of metal and polymeric materials are available to meet application specifications for leakage

