

For 160 years, we've equipped critical sectors, including the energy industry, with materials and engineered components that perform — no excuses, no exceptions.

Piston Rings, Rider Bands, Rod Packing Rings, and Valve Plates

Arlon 3000XT® cross-linked PEEK with improved wear & friction properties at high temperature

Valve Seats

Arlon 3000XT® cross-linked PEEK with exceptional creep resistance (25x better than PEEK)

Static- and RGD-Resistant Seals

Fusion® 938 O-rings made from high performance FKM with exceptional resistance to hydrogen exposure

Fusion® 665 O-rings made from high performance FKM for low temp. services (-57°C/-70°F)

GT® Ring for extreme pressures (up to 900 bar/13,050 psi) and RGD resistance

MSE® spring energized lip seals for extreme temperatures (from cryogenic to 288°C/550°F) and pressures (up to 2070 bar/30,000 psi)

Stem Seals

Avalon® 56 V-stacks that can reduce leakage at low temperature (-40°C / -40°F) and high pressure (700 bar/10,152 psi)

Structural Rings/Cell Frames

Arlon 3000XT® cross-linked PEEK with better mechanical properties retention at higher temperatures

Gasket/Seals

New **EPM** with excellent resistance to hydrogen, acids and bases

Bipolar Plate Gaskets

Fusion® 665 O-rings made from high performance FKM for low temp. services (-57°C/-70°F)

MEA Sub-gasket Films

Arlon 3000XT® cross-linked PEEK with better resistance to thermal cycling

Compression End Plates

Arlon 3000XT® cross-linked PEEK with better mechanical properties retention at higher temperatures

Composite Impellers

Xycomp® PEEK composite with high strength-to-weight ratio

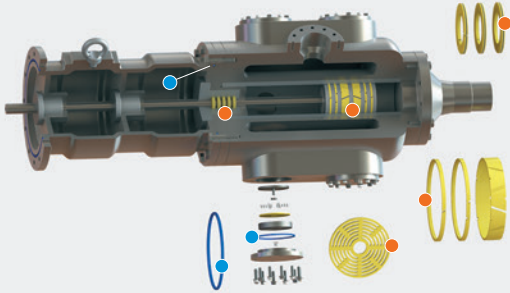
Contact on of our industry expansion managers for more information.

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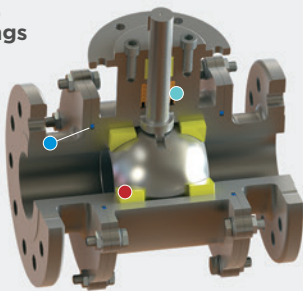
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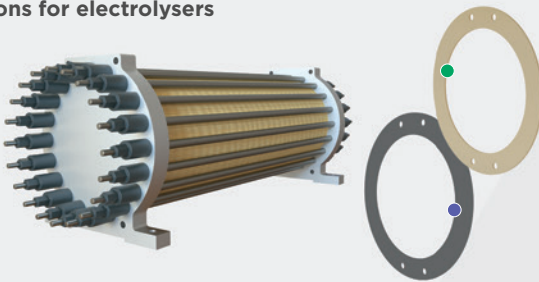
solutions for reciprocating compressors



solutions for valves, fittings, and couplings



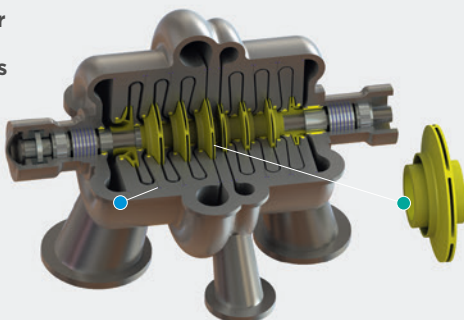
solutions for electrolyzers



solutions for fuel cells



solutions for centrifugal compressors



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Arlon 3000XT® cross-linked PEEK with improved wear & friction properties at high temperature

Valve Seats

Arlon 3000XT® cross-linked PEEK with exceptional creep resistance (25x better than PEEK)

WR® 600 with excellent resistance to any types of solvents used in carbon capture processes

Static- and RGD-Resistant Seals

Fusion® 938 O-rings that can resist RGD events with pure CO₂ at high temperatures

Xyfluor® O-rings with low temp. capabilities (-57°C / -70°F) suitable with liquid CO₂

GT® Ring for extreme pressures (up to 900 bar / 13,050 psi) and RGD resistance

MSE® spring energized lip seals for extreme temperatures (from cryogenic to 288°C/550°F) and pressures (up to 2070 bar/30,000 psi)

Amine-Resistant Seals

Chemraz® 541 O-rings made from high-performance FFKM with excellent resistance to amines (DGA...), CO₂ and H₂S

Wear Rings & Bushings

WR® 525 PEEK composite with excellent non-galling and non-seizing properties

WR® 600 with excellent resistance to any types of solvents used in carbon capture processes

Corrosion-resistant Labyrinth Seals

Arlon® 4020 PEEK with customized flexible tooth profile to reduce gaps and increase efficiency

Composite Impellers

Xycomp® PEEK composite with high strength-to-weight ratio

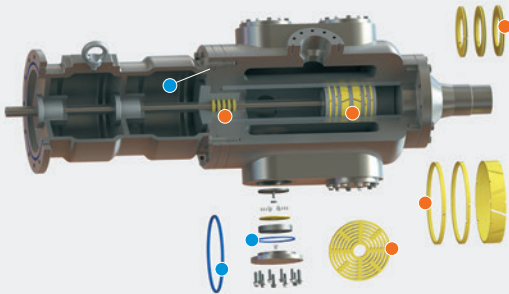
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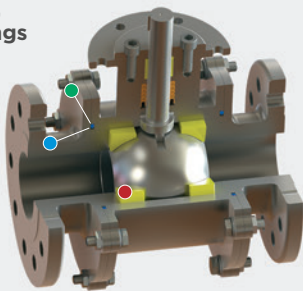
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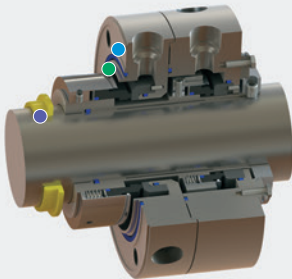
solutions for reciprocating compressors



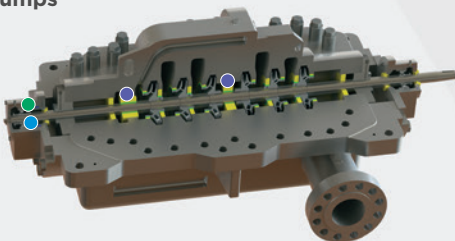
solutions for valves, fittings, and couplings



solutions for mechanical seals



solutions for centrifugal pumps



solutions for centrifugal compressors

