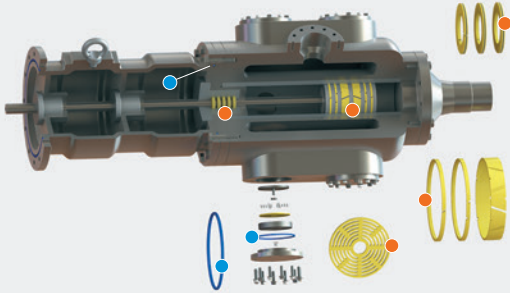


Greene Tweed empowers clean energy innovators to tackle complex and evolving challenges throughout the hydrogen supply chain, from production to storage and distribution.

**solutions for reciprocating compressors**



**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 superior 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 superior resistance to thermal cycling

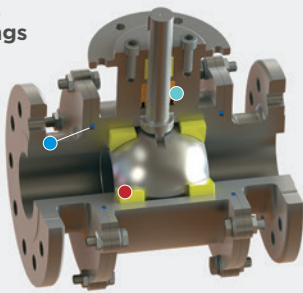
**Compression End Plates**

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

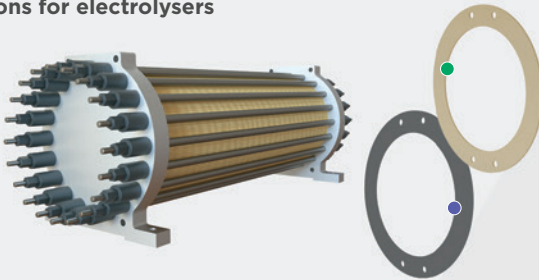
**Composite Impellers**

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

**solutions for valves, fittings, and couplings**



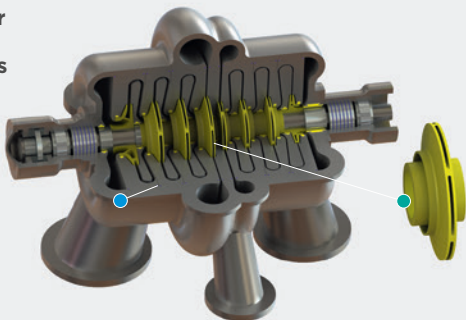
**solutions for electrolyzers**



**solutions for fuel cells**



**solutions for centrifugal compressors**



Contact our industry expansion managers to learn more about our portfolio of solutions, designed to handle the increased temperatures and pressures required for next-generation hydrogen power.

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