



BESPOKE SEALING & MATERIAL SOLUTIONS IN HYDROGEN APPLICATIONS

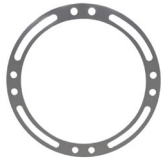
Hydrogen Tanks Omniseal® Spring-Energized & Metal Seals

- ☑ Extremely low permeation or diffusion, even under cryogenic temperatures and high pressures



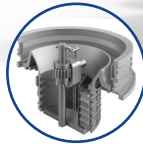
Hydrogen Fuel Cells or Electrolyzers Omniseal® Gasket Seals

- ☑ Chemical compatibility, extended lifetime pressures



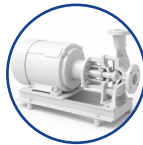
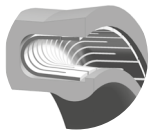
Compressors Omniseal® Polymer & Metal Seals, Meldin® Polyimide Bushings

- ☑ Limit friction to prevent leakage



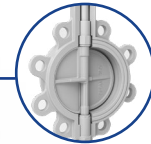
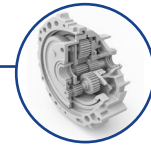
Hydrogen Pumps Omniseal® Polymer & Metal Seals

- ☑ Limit friction and wear in extreme conditions (LH2, high-pressure, high-speed dynamic motion) to optimize lifetime



Conventional and E-Motors Omniseal® Polymers, Meldin® Polyimides & Hycomp™ Composites

- ☑ Electrical insulation, high-speed solutions, extreme temperature and chemical compatibility improving overall efficiency and lifetime



Hydrogen Valves Omniseal® Spring-Energized Seals, Meldin® Polyimide Bushings

- ☑ Reduced friction, low permeation and RGD to prevent leakage

Feedlines and Pipes Omniseal® Spring-Energized & Metal Seals, RACO® Seals & Hycomp™ Composite Clamps

- ☑ Low permeation to prevent leakage, low temperature capabilities, Suitability for use in high-pressure environments

