



PANACEA® Advanced Replacement Membrane Cell Gaskets

¹BiTAC® ²Family Electrolyzer Technology

Panacea® EDPM Compound #6970CM

Shore A Hardness: 70±5

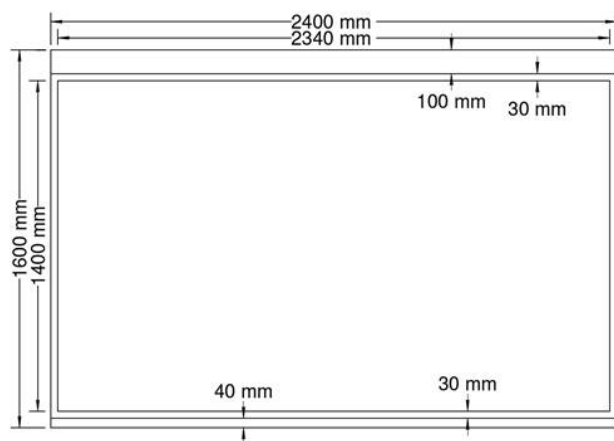
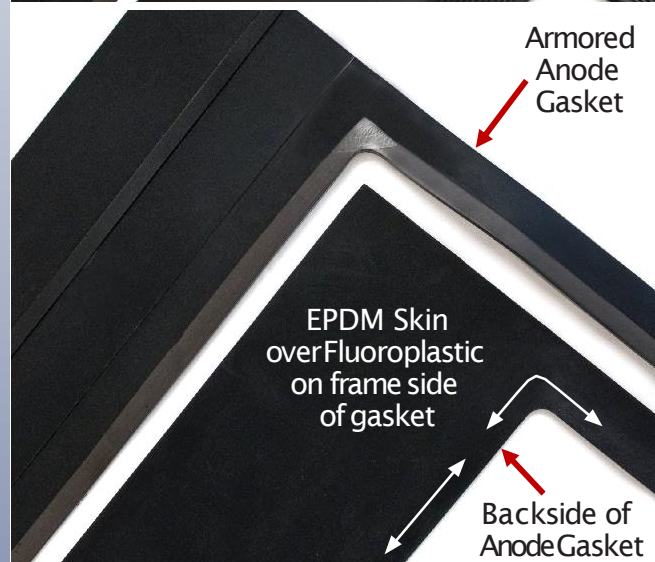
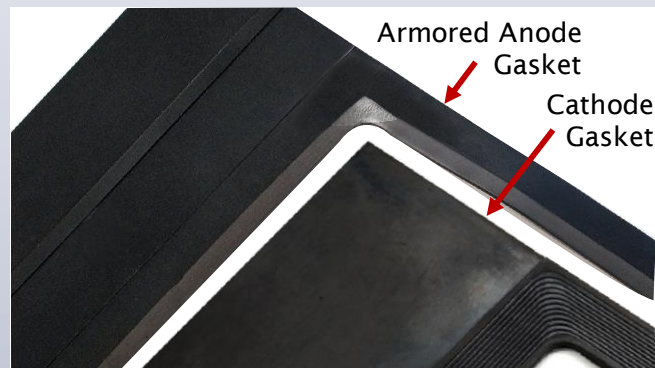
Gaskets 3mm-thick

- Cathode Gasket has one Ribbed Sealing Face
- Armored Anode Gasket has Fluoroplastic Shield on I.D. Extending ≈12mm up one Sealing Face (on membrane side); EPDM “skin” on frame side.

Advancements for:

*BiTAC® Family Replacement Cell Frame Gaskets

- 6970CM EPDM, derived from Prince 69-Series compound, has individual advancements associated with it: *excellent* chemical resistance, compression set (long-term sealing ability), and heat resistance. It is compounded without the use of calcium or magnesium as ingredients, as to not unduly harm membranes.
- **The Prince Replacement Frame Anode Gasket comes complete with *continuous* vulcanized fluoroplastic armoring. Therefore, no PTFE Tape application is required, prior to gasket installation.**
- Prince incorporates the use of an EPDM “Skin” over the fluoroplastic armor that has contact with the titanium anode frames. This skin helps to prevent crevice corrosion on the Titanium I and II frames by preventing direct contact between the frame and the fluoroplastic.



¹ Trademark: tKUCE GmbH

² Prince's Replacement Frame Gaskets are Compatible with BiTAC®, N-BiTAC®, and Nx-BiTAC® Technologies

Membrane Cell Accessories



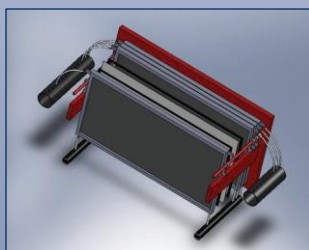
Connector Hoses

- Fluoroplastic Flex Hoses with Various Connecting Systems



Pipe or Manifold Header Systems

- P-72 Styrene Co-Polymer Piping Systems for cell circuits of Hot, Wet Chlorine Gas, Hydrogen Gas, Sodium Hydroxide, Potassium Hydroxide, Ultra-Pure Brine
- DCPD Special Molded Parts
- Special P-72 and DCPD Double-Boss Headers



Fabricated Components

- Cell Frames, Gaskets, Piping Sections
- Capabilities in molded, extruded, machined, CNC router machined



Prince Rubber & Plastics Co., Inc. under the registered trademark of "Panacea", since 1931, has design and manufacturing experience servicing Chlor-Alkali Electrolytic processes with corrosion resistant Seals, Piping and Cell Parts.

Prince Rubber & Plastics continues to be the leader in Innovative Seals, developing advanced features in Specialized Elastomers, Fluoroplastics and design in the Membrane Gasket Series.



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