



PANACEA® Advanced Replacement Membrane Cell Gaskets

For NBZ Electrolyzer Technology

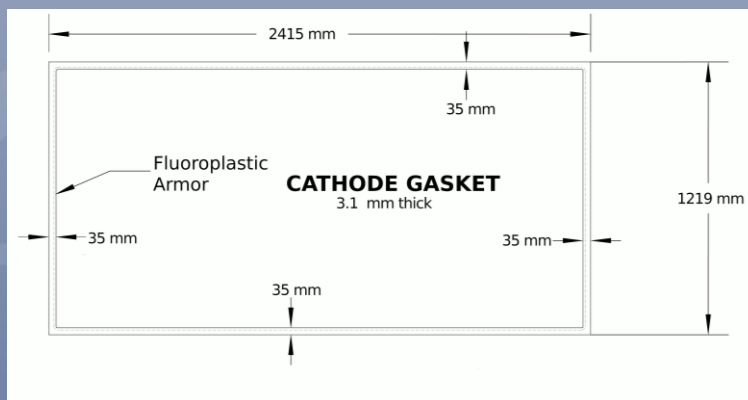
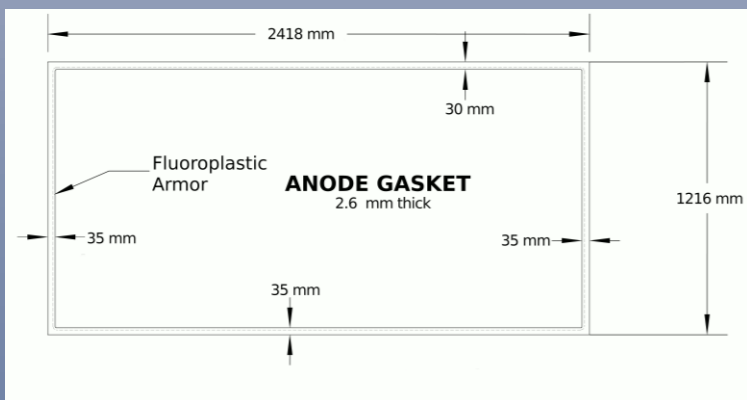
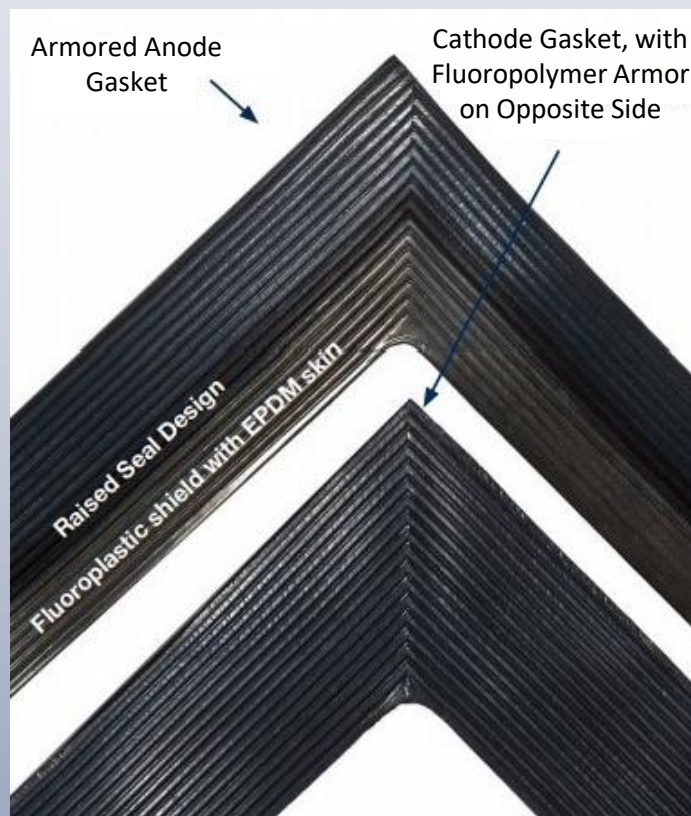
- 6975CM EPDM is compounded without the use of Calcium or Magnesium as ingredients so as not to unduly harm membranes.
- Shore A Hardness: 75±5
- Both Anode and Cathode Frame Gaskets are molded from special Panacea® EPDM Compound # 6975CM. This compound has individual advancements associated with it: excellent chemical resistance, compression set and heat resistance.

Armored Anode Gasket

- Raised rib design is reliable and easy-to-seal.
- Fluoroplastic shield on I.D. extending 12mm up both sealing faces to extend gasket life.
- EPDM “skin” shields the fluoroplastic film from direct contact with the titanium anode frames, mitigating crevice corrosion on the titanium.
- Polyester internal mesh reinforcing.

Armored Cathode Gasket

- Stainless steel internal mesh reinforcing.
- 20 mm-wide PTFE Film is on the flat side, facing the cell frame. The primary purpose of this film is to act as an electrical insulator against the membrane, that could otherwise cause the membrane to overheat and get damaged.
- Available without a PTFE armor, for a lower price, if desired.



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Membrane Cell Accessories



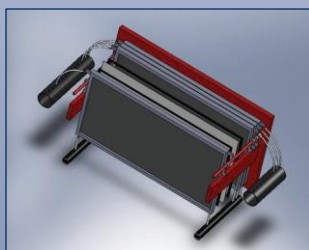
Connector Hoses

- 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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