6970CM EPDM is compounded without the use of Calcium or Magnesium as ingredients so as not to unduly harm membranes

Shore A Hardness ....................... 70 ±5
Gaskets 3mm thick

- **Standard Anode Gasket** has Fluoroplastic Shield One Face
- **Cathode Gasket** has One Ribbed Sealing Face
- **Armored Anode Gasket** has Fluoroplastic Shield on I.D. Extending approximately 12mm Up Both Sealing Faces; EPDM “skin” on frame side.

**Advancements for:**

*BiTAC® Replacement Cell Frame Gasketing*

- 6970CM EPDM compound has individual advancements associated with it; excellent chemical resistance, compression set and heat resistance.

- The N-BiTAC Replacement Frame Gasket has a continuous Fluoroplastic armoring method. This method eliminates the voids that are sometimes found in products that utilize other types of armoring. This advancement of continuous armoring gives a longer life to the gasket.

- Prince incorporates the use of an EPDM “Skin” over the fluoroplastic film that has contact with the titanium anode frames. This skin helps to prevent crevice corrosion on the titanium frame by preventing direct contact between the frame and the fluoroplastic.

*Trademark: Chlorine Engineers Corp., Ltd*
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**Membrane Cell Accessories**

- Connector Hoses
  - Fluoroplastic Flex Hoses with Various Connecting Systems

- Pipe or 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 Double Boss Headers

- Fabricated Components
  - Cell Frames, Gaskets, Piping Sections
  - Capabilities in molded, extruded and CNC machined

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**Prominent Examples: Advanced Replacement Membrane Cell Gasketing:**

- FM21/1500™ Technology
- BICHLOR™ Technology
- Lurgi™ Technology
- MGC/ExL™ Technology
- ML32™ Technology
- DD350™ Technology
- BiTAC® & N-BiTAC® Technology

**Prince Rubber & Plastics Co., Inc.** under the registered trademark of “Panacea®” has 80 years of design and manufacturing experience servicing the Chlor-Alkali Electrolytic process industry with corrosion resistant Seals, Piping and Cell Parts.

With the refined development of the Membrane process, Prince Rubber continues to be the leader in Innovative Seals, developing advanced features in Specialized Elastomers, Fluoroplastics and Design in the Membrane gasket series.

Trademarks respectively as listed:
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De Nora Tech Inc. • Asahi KASEI Chemicals Corp.
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