Panacea® EPDM Compound # 6975CM

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

Advancements for:
*ML32® Replacement Cell Frame Gasketing

• 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
• Special raised Seal Design to enable an easy to achieve reliable seal.
• Fluoroplastic shield on I.D. extending 12mm up both sealing faces to extend gasket life.
• Prince also incorporates the use of an EPDM “Skin” over the fluoroplastic film on the frame side that has contact with the titanium anode frames. This skin helps to prevent crevice corrosion on the titanium frame, preventing direct contact between the frame and the fluoroplastic.
• PVDF Internal Mesh for reinforcing.

Cathode Gasket
• Stainless steel internal mesh reinforcing.

* Trademark: Asahi KASEI Chemicals Corp.
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

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:
INEOS Chlor Ltd. • INEOS Chlor Ltd. • Lurgi GmbH
De Nora Tech Inc. • Asahi KASei Chemicals Corp.
Industrie De Nora S.p.A. • Chlorine Engineers Corp., Ltd

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