Fluoropolymer Solutions for the Chemical Processing Industry
Why AGC Fluorochemicals?

• AGC fluorochemicals help critical components of chemical processing plants withstand the harshest environments.

• The properties of our high performance resins, compounds and fluoroelastomers protect your components and equipment and keep your plant running efficiently.
Fluoroelastomer Components

- Rotary shaft seals
- Compression packing
- ANSI gaskets
- Flexible diaphragm seals
- Gaskets
- O-rings
Benefits of Using Fluoroelastomers

- Resist chemical attack in harsh environments
- High heat/steam resistance to service temperatures of 200°C
- Excellent volume resistivity
- Superior mechanical strength
Fluoropolymer Resin Components

- Valve, pump, vessel & pipe linings
- Butterfly disc & seat liner
- Compression packing
- Stem packing seals
- Ball valve seats
- ANSI & spiral wound gaskets
- Flexible diaphragm seals
- Distillation column trays
- Column packing
- Linings & spray coatings
- Dip pipes & spargers

- Sheet, rod & plate
- General gaskets & o-rings
- Expansion joints
- Heat exchangers, shell & tube

AGC
Fluon® ETFE
Fluon® PFA
Fluon® PTFE
Benefits of Using Fluoropolymer Resin

- Maintain stable properties at extreme temperatures
- Outstanding physical toughness
- Low smoke and flame characteristics
- Outstanding resistance to weather & aging
- Good dieletric properties
- Non-stick characteristics
- Chemically inert
Fluoropolymer Compound Components

• Rider & piston rings
• Packing & oil wiper rings
• Mechanical & rotary shaft seals
• Stem packing seals
• Ball valve seats
• ANSI gaskets
• Dip pipes & spargers
• Sheet, rod & plate
• Bearing isolators

• General gaskets
• Heat exchangers, shell & tube
• Distillation column trays
• Column packing
Benefits of Using Fluoropolymer Compounds

- Excellent chemical resistance, toughness and lubricity
- Outstanding wear & creep resistance
- High mechanical strength
- Excellent thermal & electrical conductivity
- Off-the-shelf & custom compounds available
CPI Applications for Fluorochemicals
Fluoropolymers for Reciprocating Compressors
Fluoropolymers for Reciprocating Compressors

- Rider Rings & Piston Rings
- Packing Rings
- Oil Wiper Rings
Fluoropolymers for Distillation Columns

- Column Trays
- Linings & Spray Coatings
- Stock Shapes for Machined Parts
- Dip Pipes & Spargers
- Column Packings
Fluoropolymers for Pumps/Valves/Piping

- Mechanical Seals
- Heat Exchangers Shell & Tube
- Spiral Wound Gaskets
- Ball Valve Seats
- Stem Packing Seals
- Valve, Pump, Process Vessel & Pipe Linings
Fluoropolymers for Pumps/Valves/Piping

- Flexible Diaphragm Seals
- ANSI Gaskets
- Rotary Shaft Seals
- Compression Packings
- Expansion Joints
- Butterfly Disc & Seat Liners
Fluoropolymers for Agitated Reactors

- Bearing Isolators
- Gaskets
- O-rings
- Mechanical Seals
- Linings & Spray Coatings