



Fluoropolymer Solutions for the Chemical Processing Industry

AGC Chemicals Americas, Inc.



Your Dreams, Our Challenge



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.

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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

The logo for Fluon ETFE, featuring a cluster of green and blue dots to the left of the text "Fluon" in blue and "ETFE" in green.The logo for Fluon PFA, featuring a cluster of green and blue dots to the left of the text "Fluon" in blue and "PFA" in green.The logo for Fluon PTFE, featuring a cluster of green and blue dots to the left of the text "Fluon" in blue and "PTFE" in green.

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 dielectric properties
- Non-stick characteristics
- Chemically inert

The Fluon ETFE logo features a cluster of green dots of varying sizes to the left of the text "Fluon" in blue and "ETFE" in green.The Fluon PFA logo features a cluster of green dots of varying sizes to the left of the text "Fluon" in blue and "PFA" in green.The Fluon PTFE logo features a cluster of green dots of varying sizes to the left of the text "Fluon" in blue and "PTFE" in green.

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

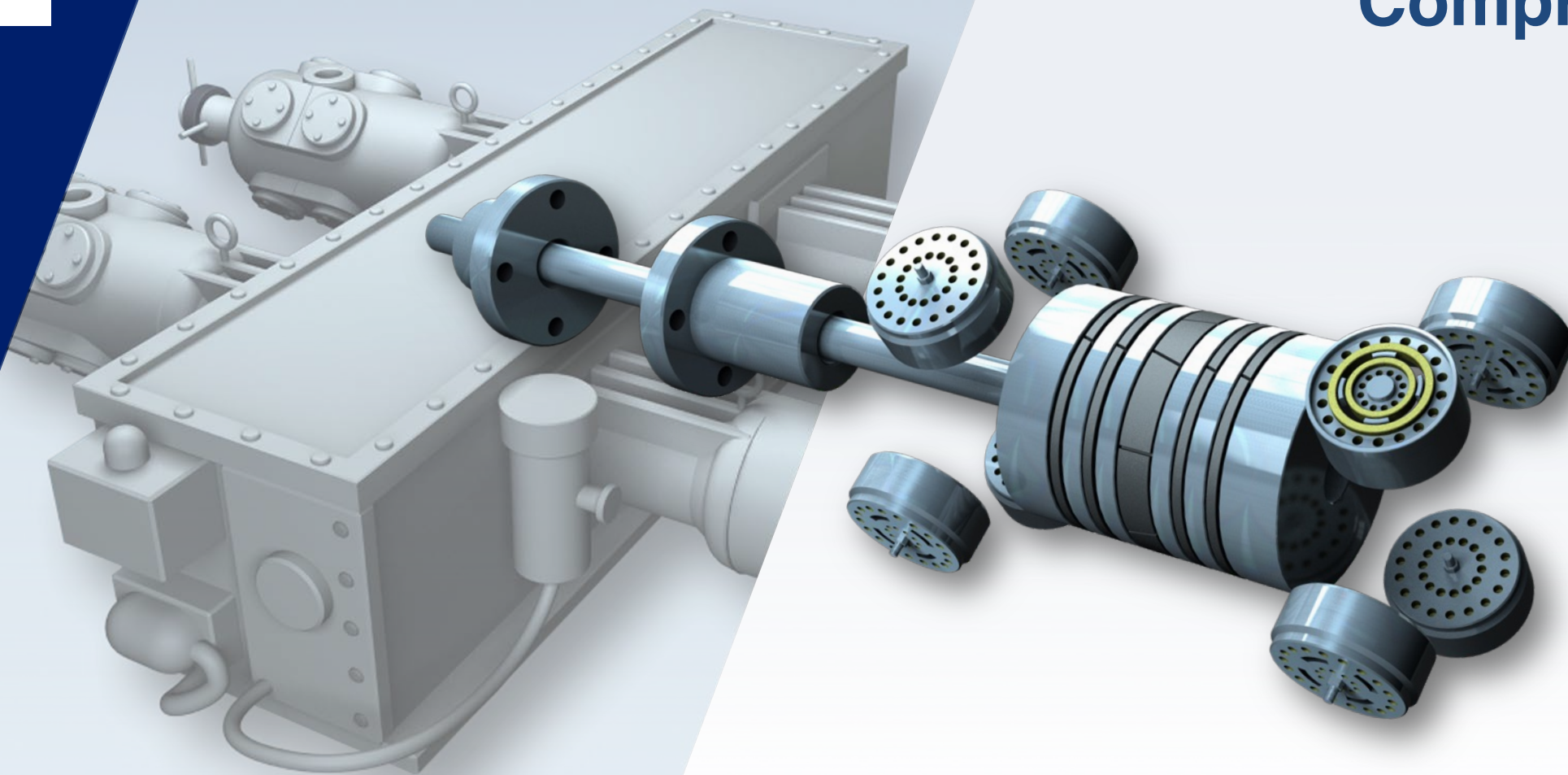


The background image shows a large industrial conveyor belt system, likely for transporting bulk materials. The conveyor is a long, inclined metal structure with a series of rollers. It starts from the bottom left and extends towards the top right. At the end of the conveyor, a stream of white material is being discharged. The entire image is covered with a semi-transparent blue overlay. The title text is centered over the middle of the image.

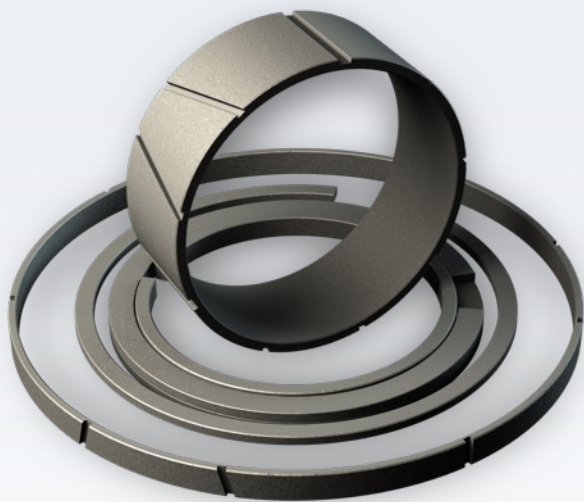
CPI Applications for Fluorochemicals

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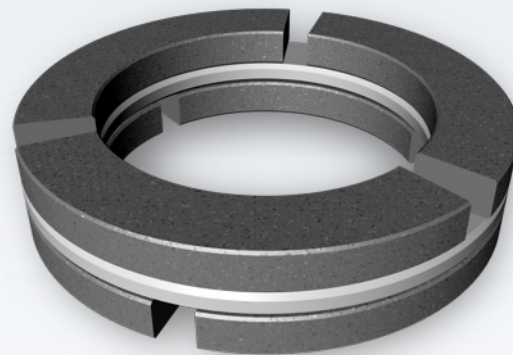
Fluoropolymers for Reciprocating Compressors



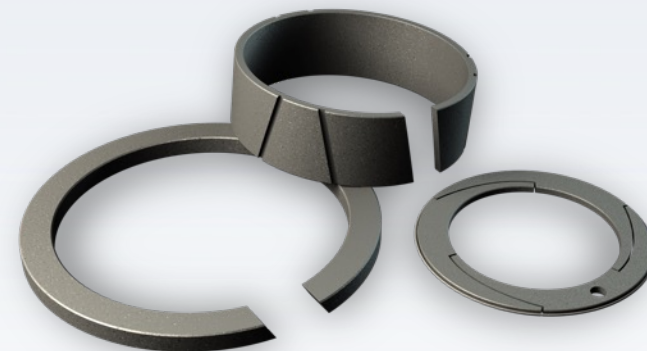
Fluoropolymers for Reciprocating Compressors



**Rider Rings
& Piston Rings**

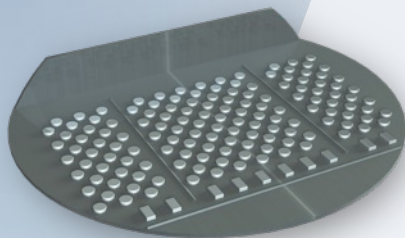


Packing Rings

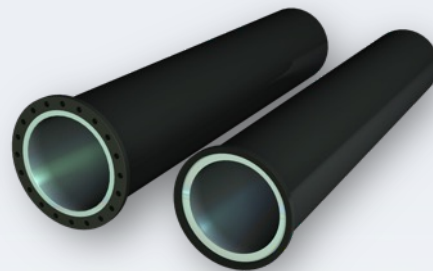


Oil Wiper Rings

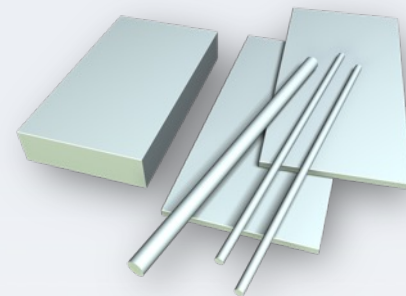
Fluoropolymers for Distillation Columns



Column Trays



**Linings &
Spray Coatings**



**Stock Shapes for
Machined Parts**

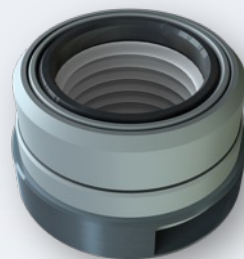
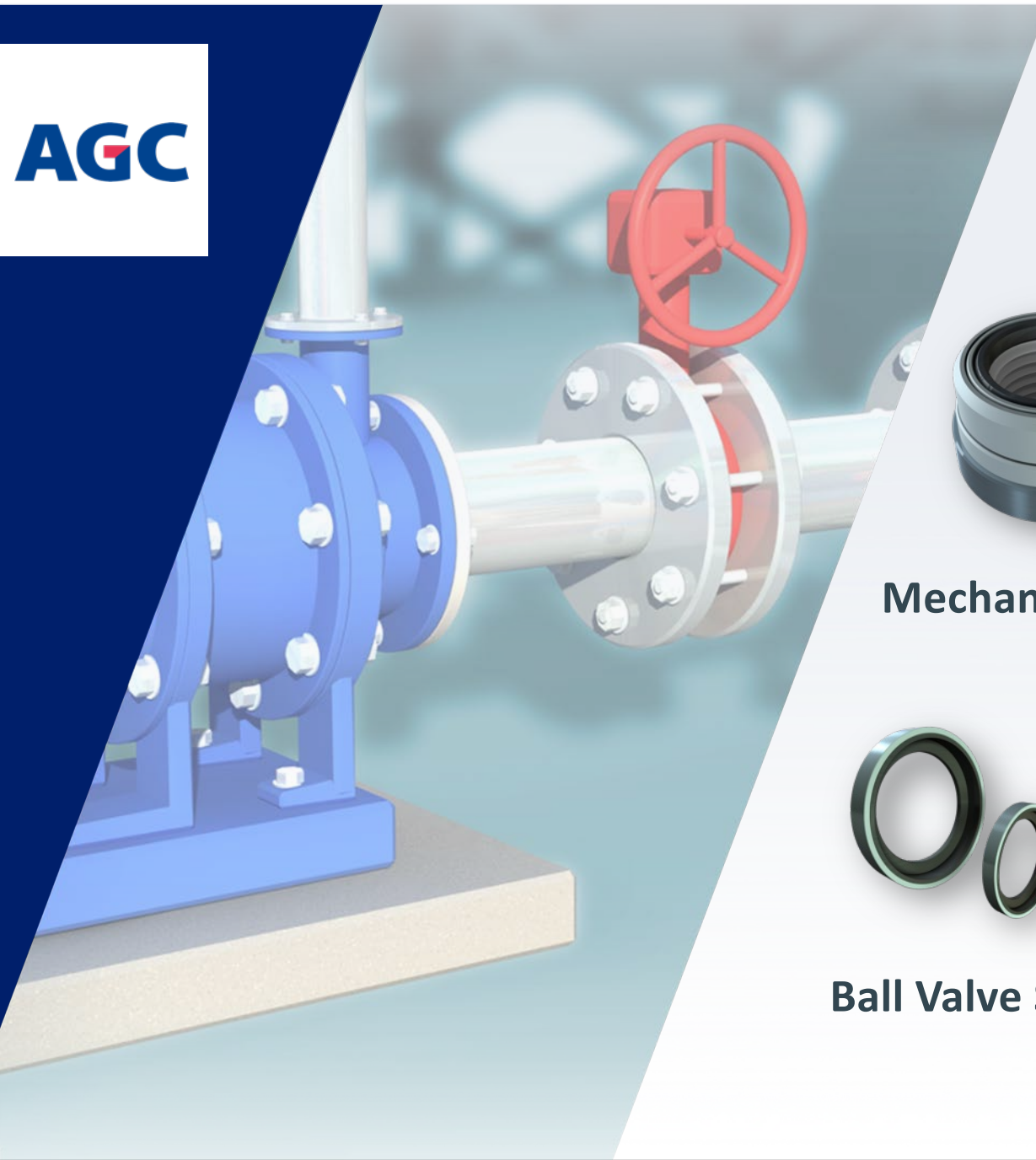


Dip Pipes & Spargers

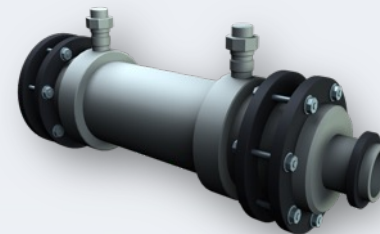


Column Packings

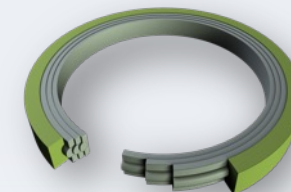
Fluoropolymers for Pumps/Valves/Piping



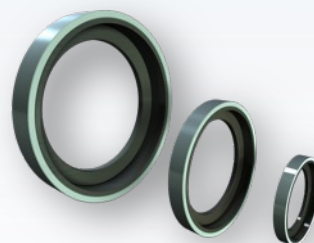
Mechanical Seals



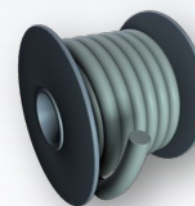
**Heat Exchangers
Shell & Tube**



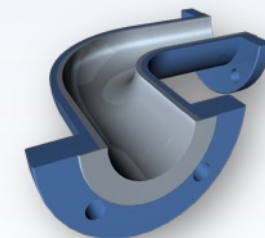
**Spiral Wound
Gaskets**



Ball Valve Seats

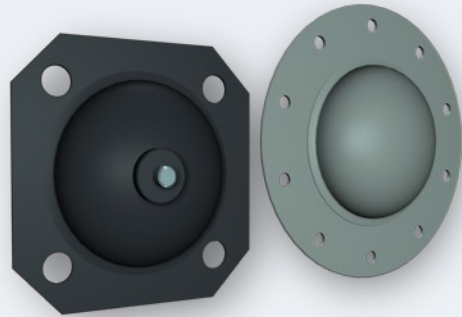


Stem Packing Seals

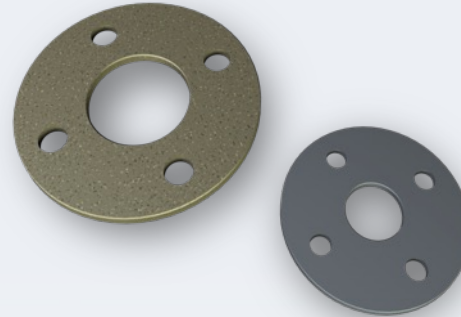


**Valve, Pump,
Process Vessel
& Pipe Linings**

Fluoropolymers for Pumps/Valves/Piping



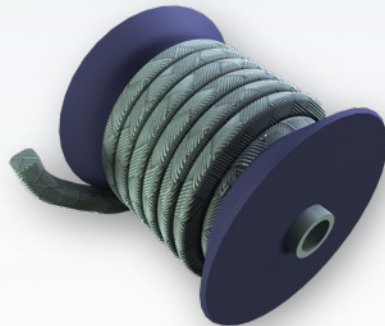
**Flexible
Diaphragm Seals**



ANSI Gaskets



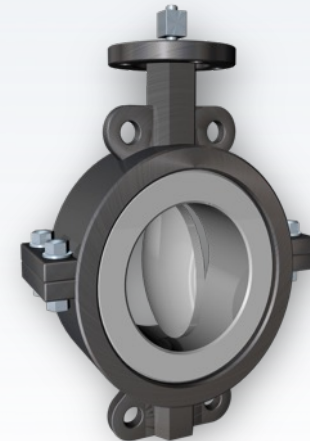
Rotary Shaft Seals



Compression Packings

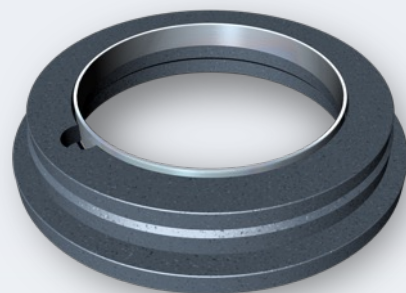


Expansion Joints



**Butterfly Disc
& Seat Liners**

Fluoropolymers for Agitated Reactors



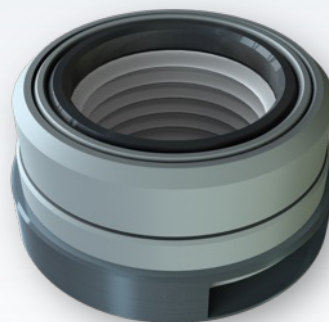
Bearing Isolators



Gaskets



O-rings



Mechanical Seals



**Linings &
Spray Coatings**



**Contact Us
for more
Information**



Learn more
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