Fluorochemical Solutions for the Automotive Industry
We offer a variety of high performance fluorochemicals for automotive applications when performance matters.
AGC Fluoropolymers for Engines

- Crankshaft seals
- Front cover seals
- Cylinder head gaskets
- O-rings
- Gaskets
- Valve stem seals
- Camshaft seals
- Oil pan seals
- Engine oil coolers
- EGR valve seals
- Water pump seals
AGC Fluoropolymers for Engines

- PTFE bearings
- Back-up rings
- V-packings
- Valve packings
- Gaskets
- Valve stem seals
- Camshaft seals
Benefits of AFLAS® Fluoroelastomers

- Excellent for high-temperature applications
- Highly resistant to strong bases and engine oils
- Continuous-use temperatures of 200 °C
- Outstanding steam resistance
AGC Fluoropolymers for Transmissions

- PTFE seals
- PTFE bearings
- Piston seals
- Shaft seals
- Gaskets
- O-rings
- Fluid transfer seals
- Sensor modules

Your Dreams, Our Challenge
AGC Fluoropolymers for Fuel Systems

- Seals
- Oil coolers
- Valve bodies
- Liquid lines
- Vapor lines
- Fuel tanks
- Filler necks
- Fuel tanks
- Connectors
- Oxygen sensors
- Filler necks
- Seals
Benefits of Fluon® Filled PTFE Compounds

- Excellent chemical resistance
- Continuous-service temperatures of 500 °F
- Lubricity for reduced friction
- Exceptional wear resistance
- Superior quality and product uniformity for seals
AGC Fluoropolymers for Axle Systems

- Wheel bearing seals
- Hub seals
- Differential output seals

- Rotary shaft seals
- Wheel bearing seals
- Hub seals
- O-rings
AGC Fluoropolymers for Steering Systems

- Gear seals
- PTFE bearings
- Column adjustment
- Pump seals
- Gear mounts
- Steering rack seals
Benefits of Fluon® ETFE

- Excellent chemical and thermal resistance
- Low flame characteristics
- Outstanding weatherability
- Good mechanical and tear strength
AGC Fluoropolymers for Suspension/Brakes

- Strut seals
- Shock absorbers
- Piston seals
- Brake pad additives
- Brake piston seals

Your Dreams, Our Challenge
AGC Fluoropolymers for Electronics

- Engine wiring
- Transmission wiring
- Under-hood wiring
- Fiber optic cables
AGC Fluoropolymers for Environmental Systems

- Hood, door and trunk hinges
- PTFE bearings
- Push/pull cables
- Power door lock seal
- Seat adjustment systems
- Active headlight seal
Benefits of LUMIFLON® FEVE Resins

- Added performance enhancing backbone resin for paints and other resins
- UV and environmental resistance protects and enhances surface performance
- Easily blended into current resin systems, saves time on formulation work
- Field or factory applied time saving value during application
AGC Fluorochemicals for Automotive Exteriors

- Weather Stripping
- B-Pillar Coatings
- Plastic Resin Parts
- Paint Finishes
- Waxes
Benefits of AsahiGuard® Repellents

- Excellent water and oil repellency protecting applied surface finishes
- Easily applied to base materials before or after installation, odorless and durable
- Compatible with water based formulations making it easy to use
- Adds performance and durability to textiles and non-wovens to allow for no absorption
AGC Fluoropolymers for Automotive Interiors

- Woven Fabrics
- Seats
- Carpeting
- Floor and trunk mats
- Active Headlight Seal
- Non-Woven Fabrics
- Sound Damping

- Thermal Insulation
- Oil and Air Filter Media
- Other Interior
- Plastic Resin Parts
- Windshield LED Displays
- LCD Touch Screens
- Glass Coatings
AGC Chemicals Americas, Inc.

- Intelligent Resins
- Custom Compounds
- Smart Chemistry Solutions

Your Dreams, Our Challenge