AGC Chemicals Americas, Inc.

Fluorochemical Solutions
for the Oil & Gas Sector
AGC fluorochemicals help critical components of oil rigs and wells withstand the harshest environments.

Who is AGC?

Your Dreams, Our Challenge
High Performance Fluoroelastomers
When Failure Is Not An Option

- FEPM, FKM and FFKM grades available
- Lasts 25+ years in harsh environments
  - Resists rapid gas decompression
- Performs well in base-rich and HPHT environments

Your Dreams, Our Challenge
High Performance Fluorinated Resins for Critical Applications

- Highly chemical and heat resistant
- Imparts lubricity for reduced friction
- Inherently flame retardant
• Combined thermal and electrical insulation
• Good mechanical strength and abrasion resistance
• Engineered for exceptional wear resistance

Fillers and Functionality Enhance the Performance of Critical Parts

Your Dreams, Our Challenge
Subsea Well Construction

Riser / Umbilicals / Flowlines

Blowout Preventer (BOP) / Choke & Kill

Wellhead

Sealing & Pressure Control Systems

Your Dreams, Our Challenge
Subsea Well Construction

Blowout Preventer (BOP) / Choke & Kill

Wellhead Subsea Tree

Sealing

Pressure Control

ESP

Your Dreams, Our Challenge
Subsea Umbilical and Flowline Systems

Umbilicals
Connectors
Manifold

Your Dreams, Our Challenge
Subsea Wellhead and Tree

- Inner ram block
- Hydraulic piston seals/packings
- Wear bands & glide rings
- Gaskets
- O-rings

Your Dreams, Our Challenge
Subsea Wellhead and Tree

Elastomer seal stacks

Combination elastomer/plastic seal stacks

Filled PTFE seal stacks
Sealing and Pressure Control Systems

- Packer elements
- Self-lubricating Mechanical seals
- Seals
- Pump covers
- O-rings
- Liner hanger packers
• Protection for uniforms, coveralls, PPE and other gear
• Dual action product – repel/release
  Very low surface energy
• Durable and non-flammable
- Corrosion protection from harsh weather and sea-salt
- Can be formulated to last 30 years or more
- Reduced life cycle costs
- Can be field or factory applied

Resins for Coatings
• Precision cleaning of metal parts and other components
• Can be used in existing vapor degreasing equipment
• AMOLEA AT2 is an excellent alternative to n-propyl bromide and trichloroethylene
Intelligent Resins
Custom Compounds
Smart Chemistry Solutions

Your Dreams, Our Challenge