

AFLAS® Fluoroelastomers Enhance Halliburton ESP Systems

Halliburton's Artificial Lift division helps oil & gas operators around the world optimize production. For the deepest wells and highest volumes, Halliburton provides electric submersible pump (ESP) systems, which include a protector component to maximize the life of the pump. Protectors are critical components of ESPs because they shield the motor from contamination, equalize pressure between the motor and the wellbore, and absorb axial thrust.



Halliburton selected AFLAS® fluoroelastomers for its high-temperature bags and O-rings because they maintain their performance in extreme temperatures and at high pressures, extending the ESPs' down-the-hole life. Components made from AFLAS resist acids, bases, solvents, hydrocarbon, sour oil and amines. For this reason, Halliburton also recommends AFLAS for O-rings on the protector's mating ring and for its rotating shaft seal bellows.

Source: [Halliburton Artificial Lift](#)

About AFLAS Fluoroelastomers

AFLAS fluoroelastomers are copolymers of tetrafluoroethylene and propylene with high molecular weights, providing AFLAS products with unique properties over conventional FKM-type fluoroelastomers. Classified by ASTM D 1418-01 as FEPM, AFLAS products excel in amine- and base-rich environments of oil & gas recovery and do not deteriorate under prolonged exposure to 204 °C (400 °F). [Click here](#) for more information about AFLAS fluoroelastomers.

About AGC Chemicals Americas Inc.

AGC Chemicals Americas Inc. is a wholly owned subsidiary of Asahi Glass Company Ltd., a \$13 billion multinational corporation and one of the world's largest manufacturers of glass, electronic displays and chemical products. The company was formed in 2004 through the merging of sister companies Asahi Glass Fluoropolymers USA and AGA Chemicals. Headquartered in Exton, Pa., AGC Chemicals Americas maintains manufacturing operations in nearby Thorndale, Pa., and warehouses located throughout North America. www.agcchem.com.