

Aflas® O-rings

O-rings made of Aflas are generally utilized in chemical and high temperature applications. Similar to Viton® in temperature range (446 F Max Vs. Viton® 350 F Max constant temperature), Aflas will handle some chemicals that Viton® A or B will not. Aflas can be a great solution with out upgrading to the more expensive versions of Viton®, or Kalrez® .

Description:

Aflas® material is an elastomeric based flouorubber, a copolymer of tetrafluroethlene and propylene. This elastomer offers excellent chemical resistance qualities, with serviceability in the temperatures up to 550 degrees F depending on environment. Services where Aflas might be applicable include inorganic acids, alkalis, high temperature steam, polar solvents, organic bases, hydrocarbon oils, amines and amine corrosion inhibitor systems, and hydrogen sulfide bearing fluids.

Properties:

Excellent heat resistance with continuous service temperature capability of 446°F, chemical resistance including resistance to strong acids and bases, high electrical resistivity, excellent oil resistance

Temperature Range:

-20° F to +400°F+

Uses:

Inorganic acids, alkalis, high temperature steam, polar solvents, organic bases, hydrocarbon oils, amines and amine corrosion inhibitor systems, and hydrogen sulfide bearing fluids

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