

FSPTFE31

API 6A SOUR GAS IMMERSION CERTIFIED
ANNEX F 1.13.5.2



Wyatt Seal, Inc. is proud to exclusively offer our "FSPTFE31" material, which has passed API 6A sour gas immersion testing. Engineered for extreme temperatures, harsh chemicals, and high-pressure applications, it is the ideal solution for oil production, gas processing, and downhole drilling systems. Suitable for both onshore and offshore drilling, this material ensures reliable performance in the toughest conditions.

MECHANICAL PROPERTIES

ASTM

Tensile Strength	3,100psi / 21.4mpa	D4745
Tensile Elongation	200 %	D4745
Compressive Strength (10%)	3,000psi / 20.7mpa	D695
Hardness, Shore D	58	D2240

APPLICATIONS

- Swivel seals in hydraulic rotary unions
- Hydraulic cylinder piston seals
- Wear rings
- Skived tape for large applications
- High pressure valve seals

PHYSICAL PROPERTIES

Wear Factor	10x10 ⁻¹⁰ in ³ .min/ft.lb.hr
Dynamic Surface	
Abrasion (Relative)	Moderate
Color	Dark Grey
Working Temp. Range	-328 to 575 °F / -200 to 302 °C

**Material properties may vary from the above values due to part design and specific conditions of each application.*



WYATTSEAL.COM

NORTH CAROLINA

720 Imperial Ct.
Charlotte, NC 28273
704.587.4640

FLORIDA

417 Hobbs St.
Tampa, FL 33619
813.681.5502

LOUISIANA

1047A Ronald Reagan Hwy.
Covington, LA 70433
985.898.3637

SOUTH CAROLINA

324 Piney Woods Rd.
Columbia, SC 29212
803.749.1212

TENNESSEE

240 Aztec Dr.
Arlington, TN 38002
731.668.6556

