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

PHYSICAL PROPERTIES

10x10⁻¹⁰ in³.min/ft.lb.hr **Wear Factor**

Dynamic Surface

Abrasion (Relative) Moderate Color **Dark Grey**

Working Temp. Range -328 to 575 °F / -200 to 302 °C

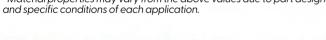
APPLICATIONS

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

RAPID **PROTOTYPING**

SAMPLING **AVAILABLE**

API 6A CERTIFIED





WYATTSEAL.COM

NORTH CAROLINA

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FLORIDA

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TENNESSEE

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^{*}Material properties may vary from the above values due to part design