

TECHNICAL DATASHEET

Description: **Extruded TFE/P AFLAS® FEPM**
ASTM D-2000: HJ 914 A1-10 B38 C12 EF31 EO78

Service Temperatures: High Limit: **225° F (107° C)**
 Low Limit: **26° F (-3° C)**
 ** For use in PLIDCO fittings**

Shelf Life: 20 years

Typical Applications:

- Hydrogen Sulfide (H₂S)
- Caustics
- Amines
- High PH
- Bases
- Acids
- Crude oil
- Natural Gas
- Hot water, Steam

Limitations:

- Aromatic Hydrocarbons (Toluene, Benzene, etc.)
- Chlorinate Hydrocarbons (Trichlorethylene and Carbon Tetrachloride)
- Ketones

** Contact a PLIDCO representative for detailed chemical compatibility**

Typical Physical Properties:

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| • Shore "A" Durometer | 91 |
| • Tensile Strength (psi) (ASTM D412) | 3062 |
| • 100% Modulus (psi) (ASTM D412) | 2169 |
| • Ultimate Elongation (%) (ASTM D412) | 139 |
| • Specific Gravity | 1.57 |
| • Compression Set (ASTM D395 method "B") | |
| ▪ 22 Hrs. @ 392 F (%) | 16% |