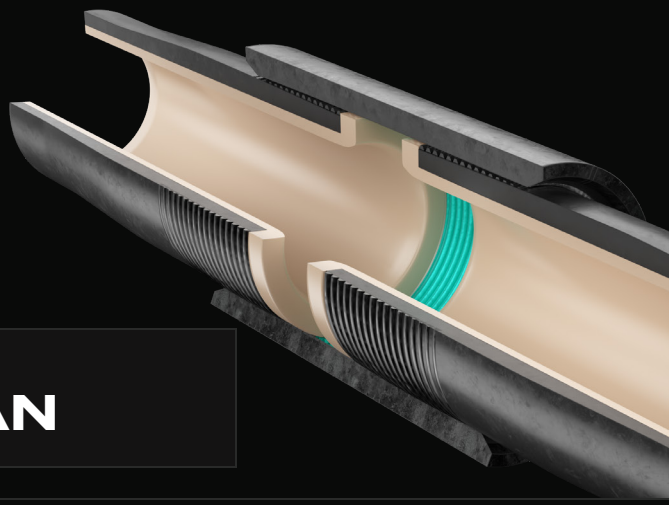
// LINER PRODUCT CARD

EXTREMETUBE™

ENGINEERED THERMOPLASTIC LINER FOR EXTREME ENVIRONMENTS // PEEK

Extremetube™ is a PEEK thermoplastic liner engineered for severe downhole corrosion and wear environments. With a maximum operating temperature of 500°F (260°C) and liner material tensile strength of 14,500 psi, it offers an alternative to corrosion-resistant alloy tubulars where performance, cost, and delivery time matter. Extremetube™ provides the greatest collapse resistance in the Western Falcon liner range.



MAX OPERATING TEMPERATURE	LINER MATERIAL	COLOR
500°F 260°C	PEEK	TAN

01 KEY BENEFITS

- Mitigates rod-on-tubing wear under high side loads
- Provides corrosion protection in severe environments
- Offers an alternative to corrosion-resistant alloy tubulars
- Provides the range's greatest resistance to acid gas permeation
- Helps decrease pressure drop in high-velocity flow
- Reduces servicing frequency and replacement costs
- Can reduce corrosion-inhibitor requirements
- Reduces friction and peak polished-rod load
- Extends tubing and rod run life

02 PRIMARY APPLICATIONS

High-Temperature Wells & Steam Flood	Beam & PC Pumped Wells	Submersible Pumped Wells	Plunger and Gas Lift Wells
Water Injection & Disposal	Acid Gas Injection	Flowlines	Solution Mining

03 APPLICATION CONSIDERATIONS

No liner suits every well, and Extremetube™ is specified against the conditions it will actually see. Pressure, temperature, fluid chemistry and gas content interact, so a change in one can reduce the allowable limit of another, which is why every application is reviewed holistically before a liner is selected.
Refer to Plastic Liners and Coatings: Considerations Before Use for complete guidance.

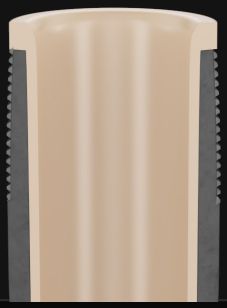
// TECHNICAL DATA

EXTREMETUBE™ SPECIFICATIONS

04 KEY PRODUCT FEATURES

- PEEK liner material with tensile strength of 14,500 psi
- Maximum operating temperature of 500°F (260°C)
- Coated couplings help protect the J-area against corrosion
- Make up to minimum API recommended torque
- Can be used with some proprietary premium threaded connections

CROSS SECTION
EXTREMETUBE™ LINED ID



05 COMMON TUBING SIZES

IMPERIAL / METRIC

TUBING OD	NOMINAL WEIGHT	TOTAL LINED WEIGHT	LINED DRIFT
2 3/8" 60.33 mm	4.70 lb/ft 6.99 kg/m	5.08 lb/ft 7.56 kg/m	1.60" 40.64 mm
2 7/8" 73.03 mm	6.50 lb/ft 9.67 kg/m	7.05 lb/ft 10.49 kg/m	2.00" 50.80 mm
3 1/2" 88.90 mm	9.30 lb/ft 13.84 kg/m	10.07 lb/ft 14.99 kg/m	2.50" 63.50 mm
OTHER SIZES	ON REQUEST	ON REQUEST	ON REQUEST

Total lined weights are calculated from the nominal tubing weights shown plus published liner weights. Other sizes and casing are available; confirm drift before order.

06 ADDITIONAL WF LINERS

MAX OPERATING TEMP · ADVANTAGE

POLYCORE™

160°F 71°C
OIL PRODUCTION

180°F 82°C
AQUEOUS SERVICE

Corrosion and wear protection

MODIFIED POLYCORE™

160°F 71°C
OIL PRODUCTION

180°F 82°C
AQUEOUS SERVICE

Enhanced collapse strength

COTUBE™

165°F 74°C
OPERATING TEMPERATURE

Consistent CO_2 performance

ENERTUBE™

210°F 99°C
OPERATING TEMPERATURE

Enhanced tensile strength

ULTRATUBE™

350°F 177°C
OPERATING TEMPERATURE

High side load

// TALK TO A TECHNICAL PARTNER

IS EXTREMETUBE™ RIGHT FOR YOUR WELL?

Contact your Western Falcon representative to review your application and operating conditions.

CALL 1-877-933-7870
WEB wfes.com