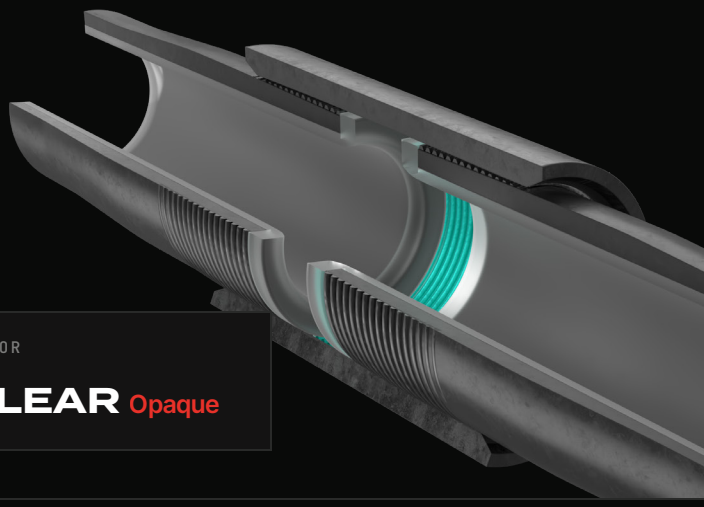
// LINER PRODUCT CARD

ENERTUBE™

POLYOLEFIN LINER FOR HIGHER TEMPERATURE SERVICE // POLYOLEFIN BLEND

Enertube™ is a seamless polyolefin liner engineered to protect tubing in wells that require greater temperature resistance than Polycore™. Its specially formulated polymer blend provides increased tensile strength and a smooth, mechanically bonded tubing ID surface. Designed for service up to 210°F (99°C), Enertube™ helps control corrosion and rod-on-tubing wear while supporting longer tubing and rod life.



MAX OPERATING TEMPERATURE	LINER MATERIAL	COLOR
210°F 99°C	POLYOLEFIN Blend	CLEAR Opaque

01 KEY BENEFITS

- Mitigates rod-on-tubing wear
- Provides corrosion protection
- Reduces friction and peak polished-rod load
- Helps decrease pressure drop in high-velocity flow
- Extends tubing and rod run life
- Reduces servicing frequency and replacement costs
- Can reduce corrosion-inhibitor requirements
- Supports reuse of existing or lower-grade tubing inventory
- Can be applied over used internal coatings

02 PRIMARY APPLICATIONS

Plunger and Gas Lift Wells	Solution Mining	Submersible Pumped Wells
Water Injection & Disposal	Flowlines	Coalbed Methane & Dewatering

03 APPLICATION CONSIDERATIONS

No liner suits every well, and Enertube™ 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

ENERTUBE™ SPECIFICATIONS

04 KEY PRODUCT FEATURES

- Seamless, mechanically bonded polyolefin liner with a smooth tubing ID
- Maximum operating temperature of 210°F (99°C)
- Coated couplings protect the J-area; liner face protects pin threads
- Make up to minimum API recommended torque
- Not recommended for high-pressure gas wells or elevated CO_2 concentrations

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	5.03 lb/ft 7.49 kg/m	1.516" 38.51 mm
2 7/8" 73.03 mm	6.50 lb/ft 9.67 kg/m	6.99 lb/ft 10.40 kg/m	1.901" 48.29 mm
3 1/2" 88.90 mm	9.30 lb/ft 13.84 kg/m	10.02 lb/ft 14.91 kg/m	2.347" 59.61 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™	MODIFIED POLYCORE™	COTUBE™	ULTRATUBE™	EXTREMETUBE™
160°F 71°C OIL PRODUCTION	**160°F** 71°C OIL PRODUCTION	**165°F** 74°C OPERATING TEMPERATURE	**350°F** 177°C OPERATING TEMPERATURE	**500°F** 260°C OPERATING TEMPERATURE
180°F 82°C AQUEOUS SERVICE	**180°F** 82°C AQUEOUS SERVICE			
Corrosion and wear protection	Enhanced collapse strength	Consistent CO_2 performance	High side load	Extreme corrosion service

// TALK TO A TECHNICAL PARTNER

IS ENERTUBE™ RIGHT FOR YOUR WELL?

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

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