FET | Quality Wireline & Cable

Enviro-Lite E-Line® Greaseless Cable

Get maximum cable run life while eliminating high grease and maintenance costs with Forum Energy Technologies' Enviro-Lite E-Line® cable. The Enviro-Lite E-Line® coated cable is an eco-friendly, grease-free electro-mechanical wireline product designed to enable faster running speeds and faster rig-up times, while eliminating maintenance and environmental risks.

Application

- Cased hole horizontal completions
- Extended reach wells

Benefits

- Reduces downtime and maintenance costs with its torque-neutral design
- Eliminate grease costs and mess on location
- Lasts significantly longer than standard cables
- Reduces surface tension even on longer deviated wellbore laterals

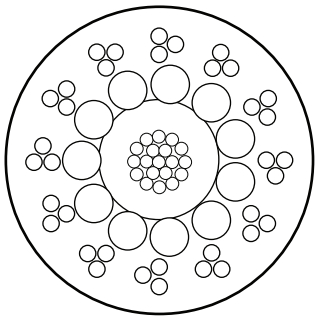
Features

- Conductor consists of a water blocked stranded copper and a high-temperature fluoropolymer dielectric
- Unique armor package design, combined with an "extrude-to-fill" rugged polymer jacket
- Handles up to 375° F
- 8,500 lbs break strength

Specifications

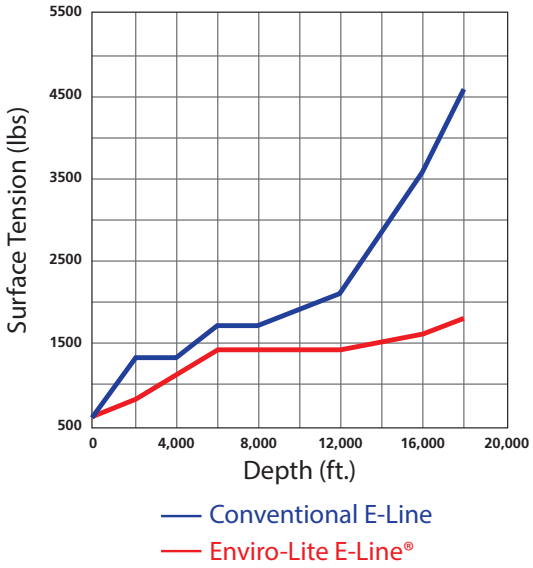
- 0.350” (8.89MM) Diameter
- 375°F (191°C) Temperature Rating
- Copper Conductor
- FEP/ETFE Insulation
- GEEIPS Armor
- ETFJ Jacket

Construction Characteristics	English	Metric
Conductor – 15 AWG , 19 x 0.0142”	0.071”	1.80 mm
Wall Thickness	0.033”	0.83 mm
Insulation – OD	0.136”	3.45 mm
Armor – Inner : 11 Wires 0.0455”	0.219”	5.56 mm
Armor – Outer : 12 ea @ 3 x 0.0200” Strands	0.302”	7.67 mm
Jacket – OD	0.350”	8.89 mm



Mechanical Characteristics	English	Metric
Weight in Air	164 lbs/kft	245 kg/km
Weight in Water	121 lbs/kft	180 kg/km
Breaking Strength (Ends Fixed)	8,500 lbs	3,630 kg
Working Load (Maximum)	4,250 lbs	1,932 kg
Inner Armor Wire Break Strength	535 lbs	2.38 KN
Outer Armor Wire Break Strength	292 lbs	1.30 KN
Temperature Rating (8 hrs. Maximum)	375° F	191° C
Suggested Minimum Sheave Diameter	26”	457 mm
Outside Diameter	$0.350\ ^{+.003”}_{-0.002”}$	$8.89\ ^{+0.076\ mm}_{-0.051\ mm}$
Stretch Coefficient	1.65 ft/kft/klbf	1.85 m/km/5kN

POOH Weight Comparison



Electrical Characteristics	English	Metric
Voltage Rating	1,500 VDC	1,500 VDC
DC Conductor Resistance at 68°F (20°C)	2.8 Ω/kft	9.2 Ω/km
DC Armor Resistance at 68°F (20°C)	3.4 Ω/kft	11.2 Ω/km
Capacitance Conductor to Armor	56 pF/ft	184 pF/m
Minimum Insulation Resistance	1,500 MΩ*kft	457 MΩ*km