

Well Intervention

Slick E-Line

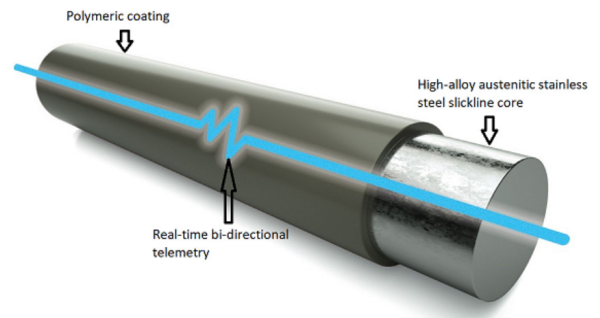
Slick E-Line is a polymeric precision-coated alloy slickline. The formulated polymeric coating combines superior abrasion and corrosion resistance with electrical insulation, enabling at the same time standard mechanical slickline operations at significant lower friction and bi-directional data communications with a battery powered downhole tool string.

Slick E-line technology is truly “game changing” for the well services industry to optimise well interventions with a comprehensive strategy to operate at the highest safety standards, offering as significant reduction of costs and to help realise maximum value for operators to manage their assets.

The Slick E-Line technology provides the ability to operate both mechanical slickline solutions as by conventional 0.125” slickline and operating surface readout production logging services from a single line.

Slick E-Line provides a robust bi-directional telemetry communication system between downhole tools and surface acquisition system with simultaneous processing of time and depth correlation datas as well.

The abrasive resistance of the coating significantly reduces the slotting effect in casing an tubing as well. The significant lower friction can lead to a reduction in surface tension when pulling out of the well. This will enable any operator to plan for operations at much deeper depths than with standard slickline.



Technical specifications

	Imperial	Metric
Available wire lengths	19,500ft, 24,500ft	5943 m / 7467 m / 8991 m
Core diameter	0.125"	3.20 mm
Coating thickness	0.160"	4.06 mm
Outer diameter	44.9"	1116 mm
Diameter tolerance	0.002"	0.0508 mm
Ovality	<0.5%	
Breaking load - Slick E-line standard service	2,491 lbs	1,130 kg
Breaking load - Slick E-line HS (high strength)	3,204 lbs	1,453 kg
Weight	47.36 lbs/kft	70.33 kg
Line stretch	36.00"/kft	0.1 m/km
Cable length marking, interval	3.3 ft	1.0 m
Sheave wheel diameter	20" (minimum)	
Temperature range	-40°F to 350°F	
Maximum working pressure	15,000 psi	
Di-electric strength	1,000 volts	
Crude oil swelling	<1%	
Chemical resistance (depending on selected core)	CH4, H2S, CO2, methanol	
Shock tested for	Jarring and ballistics	

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ParaSheave

Technical specifications		
Temperature rating	-20 / + 60°C	
Height	803 mm	2.6 ft.
Weight	31 kg	68 lb.
Wireline diameter	0.092 to 0.160" (or to 7/32")	
Sheave size (A1204964)	20" (groove 508.8mm)	
Groove radius	2.75 mm	
Maximum SWL	2000 kg	4410 lb.
Load pin (A1205070)	Ø 35 mm	
Electrical connection	EX PoE snap connectors	
Cable	A1204141, 1.7 m to ParaComm antenna	
Bottom connection	Wedged mounting block (lockable)	
EX connection	CE EX II 2 G IIB T3 (zone 1)	
Standards	EN-IEC 60079-0, -7, -11, 17, -18 EN 13463-1:2009 94/9/EC, 98/37/EC	
Service	H2S	
Calibration fixture	A1205105	
Option	Eye nut clevis for use as top sheave	