

TECHNICAL DATA SHEET: WIRELINES / SLICKLINES

Grade: 316 Stainless Steel

Lengths: 15,000 to 30,000 feet measured lengths (+3,000, -0 feet tolerance).

Diameters: Industry Standard - 0.092", 0.108", 0.125", 0.160". Custom upon request.

Packaging: Heavy Duty Steel Reels (returnable). Wood Reels are available upon request.

Reel dimensions:	S30/700	S30/1500
Tare Weight	34 lbs.	128 lbs.
Max. Wire Weight	Up to 700 lbs.	Up to 1,500 lbs.
Flange Diameter	30"	30"
Overall Width	13 ½"	17 ¾"
Transverse Width	12"	16"
Arbor Hole Diameter	2"	2"

Chemistry:

Key elements:

C	Mn	Cr	Ni	Mo
0.08	2	16.0 – 18.0	10.0 – 14.0	2.0 – 3.0

Density: 0.285 lb / inch³

Corrosion Resistance: 316 offers good corrosion protection in wells containing corrosive media, and has a PREN of 25. The following table is a general guideline and should not be relied upon as the sole indicator of corrosion resistance. Additional well conditions such as temperature and pressure may also play a significant role in the wireline's corrosive resistance.

General Guidelines for Well Conditions containing Corrosive Elements:

H ₂ S + CO ₂	Chloride, Brine, Salt etc.	Chloride, H ₂ S + CO ₂
May be used in concentrations of up to 30% of CO ₂ with no H ₂ S present.	May be used in concentrations of up to 2-3%.	May be used in concentrations of CO ₂ up to 30% providing chlorides do not exceed 2-3% and no H ₂ S present.

Break Load:

Diameter	Minimum Break Load (MBL)	Safe Working Load (60% MBL)
0.092"	1,400 lbf	840 lbf
0.108"	1,800 lbf	1,080 lbf
0.125"	2,500 lbf	1,500 lbf
0.160"	4,100 lbf	2,460 lbf

Surface: Eddy Current Testing for surface damage to industry norms at final diameter upon request.

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