

Supernova 250®

In addition to excellent mechanical properties, Supernova 250® slicklines have exceptional resistance to chloride and sulphide stress corrosion cracking, acid corrosion and crevice corrosion making it suitable for a wide range of corrosive sour well environments.

Manufactured in Switzerland and certified to 9001:2015 all Supernova Slicklines are fully traceable, 100% Weld Free, 100% Eddy Current Tested and Wrap Tested.

All are produced with a consistent, tightly controlled surface finish, wire helix and wire cast for optimal spooling and in-service performance.

Supernova 250® is a proven alternative to Zapp 2507.

Key Characteristics

- Outstanding resistance to chloride-induced stress corrosion cracking (SCC) and sulphide-stress cracking (SSC) in sour-gas conditions
- Resistant to SSC in sour, condensed waters with 0.2 bar partial pressure of H₂S
- Outstanding corrosion resistance along with superior pitting resistance
- High break loads with good ductility
- May be used in temperatures up to 300°C
- Good atmospheric corrosion enabling safe marine / offshore storage
- High resistance to abrasion, fatigue and corrosion fatigue
- Very resistant in sweet wells, to corrosion by CO₂

Key Data

Standard Diameter ¹	Min Breaking Load	Min Tensile		Nominal Weight	Minimum Sheave Diameter
Inches	lbf	N/mm ²	Ksi	lbs/ 1000ft	Inches
0.092	1800	1890	274	22.40	11
0.108	2400	1820	264	30.90	13
0.125	3220	1810	262	41.40	15
0.140	4025	1780	258	52.10	17
0.160	4800	1630	236	68.00	20

¹ Tolerance +/-0.001" - other diameters are available on request.

* When using a portable wire tester expect a MBL figure up to 25% less than the true figure obtained on our in-house calibrated equipment.

Standard Lengths	15,000ft	18,000ft	6,000m	20,000ft	7,000m	25,000ft	8,000m	30,000ft
------------------	----------	----------	--------	----------	--------	----------	--------	----------

Other lengths are available on request.

Chemical Composition

Element		C	Si	Mn	P	S	Cr	Mo	Cu	Ni	N
Weight %	Min	-	-	-	-	-	24.00	3.00	-	6.00	-
	Max	0.03	0.80	1.20	0.035	0.015	26.00	4.50	0.50	8.00	0.30