



SUPERNOVA SLICKLINE

Filo per Oil & Gas
Fil pour Oil & Gas
Draht für Oil & Gas

SUPERNOVA 316®

W. Nr. : 1.4401 / AISI: UNS S31600

- is suitable for use in Low Corrosive Conditions
- can be used in up to 35% of CO² (with zero H²S)
- can be used in Low Chloride Conditions of up to 3.5%
- can be used in High Temperature – up to 150°C.

SUPERNOVA 400®

W. Nr. : 1.4462 / AISI: UNS S32205

- very good in Chloride Conditions of up to 30% (with zero H²S)
- very good in high CO² Conditions of up to 30% (with zero H²S)
- can be used in High Temperature – up to 150° C.

SUPERNOVA 700®

AISI: UNS S31254

- hot & sour (H²S + Chlorides) with high CO²
- concentrations of up to 25% Chloride with H²S and CO²
- can be used in High Temperature – up to 250°C
- All Concentrations of H²S + CO².

SUPERNOVA 750®

W. Nr. : 1.4529 / AISI: UNS N08926

- hot & sour (H²S + Chlorides) with high CO²
- concentrations of up to 30% Chloride with H²S and CO²
- can be used in High Temperature – up to 250°C
- All Concentrations of H²S + CO².

SUPERNOVA 100®

W. Nr. : 1.4501 / AISI: UNS S32760

- high mechanical properties whilst retaining good ductility
- excellent resistance to acid corrosion and crevice corrosion
- high resistance to abrasion, fatigue and corrosion fatigue
- excellent resistance to chloride and sulphide stress corrosion cracking.

Grades & chemical composition / Marche & composition chimica / Nuances & composition chimiques / Werkstoffe & chemische Zusammensetzung

Novametal	C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	W	PRE
Supernova 316	-	-	-	-	-	10.00 min	16.50 min	2.00 min	-	0.03 min	-	23.5 - 27
	0.08 max	2.00 max	1.00 max	-	-	13.80 max	18.00 max	2.60 max	-	0.06 max	-	
Supernova 400	-	-	-	-	-	4.50 min	21.00 min	2.50 min	-	0.15 min	-	31.65 - 37
	0.03 max	2.00 max	1.00 max	-	-	6.00 max	23.00 max	3.40 max	-	0.20 max	-	
Supernova 700	-	-	-	-	-	17.50 min	19.50 min	6.00 min	0.50 min	0.15 min	-	42 - 46
	0.02 max	1.00 max	0.80 max	-	-	18.50 max	21.00 max	6.50 max	1.00 max	0.25 max	-	
Supernova 750	-	-	-	-	-	24.50 min	19.50 min	6.00 min	0.85 min	0.12 min	-	43 - 46
	0.02 max	1.00 max	0.80 max	-	-	26.00 max	21.00 max	6.70 max	1.00 max	0.20 max	-	
Supernova 100	-	-	-	-	-	6.00 min	24.00 min	3.00 min	0.50 min	0.20 min	0.50 min	> 41
	0.03 max	1.00 max	1.00 max	0.015 max	0.03 max	8.00 max	26.00 max	4.00 max	1.00 max	0.30 max	1.00 max	

Standard diameters

0.092" / 0.108" / 0.125" / 0.140" / 0.160" (tolerance +/-0.001")

Standard lengths

20.000 feet / 25.000 feet. / 30.000 feet

Mechanical properties / Caratteristiche meccaniche / Caracteristiques mecaniques / Mecanische Eigenschaften

Novametal	Diameter	Min Breaking Load	Min Tensile Strength	Wt / 1000 Ft.	RSL
Supernova 316	0.092"	1420 lbf	1460 N/mm ²	22.64 lbs	75%
	0.108"	1940 lbf	1440 N/mm ²	31.20 lbs	75%
	0.125"	2530 lbf	1420 N/mm ²	41.80 lbs	75%
	0.140"	3130 lbf	1410 N/mm ²	53.00 lbs	75%
	0.160"	4050 lbf	1380 N/mm ²	69.00 lbs	75%
Supernova 400	0.092"	1630 lbf	1690 N/mm ²	22.48 lbs	75%
	0.108"	2190 lbf	1620 N/mm ²	30.95 lbs	75%
	0.125"	2850 lbf	1550 N/mm ²	41.49 lbs	75%
	0.140"	3500 lbf	1530 N/mm ²	52.10 lbs	75%
	0.160"	4200 lbf	1480 N/mm ²	68.03 lbs	75%
Supernova 700	0.092"	1610 lbf	1650 N/mm ²	23.30 lbs	75%
	0.108"	2120 lbf	1600 N/mm ²	32.00 lbs	75%
	0.125"	2650 lbf	1490 N/mm ²	42.90 lbs	75%
	0.140"	3130 lbf	1410 N/mm ²	54.10 lbs	75%
	0.160"	3920 lbf	1380 N/mm ²	70.00 lbs	75%
Supernova 750	0.092"	1580 lbf	1640 N/mm ²	23.31 lbs	75%
	0.108"	2170 lbf	1635 N/mm ²	32.00 lbs	75%
	0.125"	2900 lbf	1630 N/mm ²	42.90 lbs	75%
	0.140"	3480 lbf	1560 N/mm ²	54.10 lbs	75%
	0.160"	4440 lbf	1530 N/mm ²	70.00 lbs	75%
Supernova 100	0.092"	1920 lbf	1954 N/mm ²	22.10 lbs	75%
	0.108"	2380 lbf	1800 N/mm ²	30.55 lbs	75%
	0.125"	3200 lbf	1820 N/mm ²	41.03 lbs	75%
	0.140"	4050 lbf	1793 N/mm ²	51.54 lbs	75%
	0.160"	5150 lbf	1748 N/mm ²	67.45 lbs	75%

RSL (Recommended Safe Load) = 75% of Effective Break Load / EBL (Effective Break Load) = Actual measured BL minus weight of tools and wire in use