

SUPA 75[®] Alloy Slicklines for Highly Corrosive Well Media.

Material grade UNS N 08926

SUPA 75[®] offers extremely high stability against corrosion, stress corrosion & inter-granular corrosion in wells where CO₂, H₂S and Chlorides are present.

| Chemical Composition Range | | |
|----------------------------|------|-------|
| Element | Min | Max |
| Ni | 24.0 | 26.0 |
| Cr | 20.0 | 21.0 |
| Mo | 6.0 | 6.8 |
| Si | N/A | 0.5 |
| Mn | N/A | 2.0 |
| Cu | 0.5 | 1.0 |
| N | 0.15 | 0.25 |
| C | N/A | 0.02 |
| P | N/A | 0.03 |
| S | N/A | 0.005 |

| Typical Physical Properties | |
|---|---------|
| Density | 8.1g/cc |
| Modulus of Elasticity | 160GPA |
| PREN= 42 TO 47 (PREN=%Cr + 3.3 x %Mo + 16%N) | |

| Mechanical Properties | | | | |
|-----------------------|----------------|----------------|----------------------|------------------------|
| Diameter | Nom. B. Load** | Approx. Weight | Min. Pulley Diameter | Stretch* |
| Ins. | Lbs. | Lbs./1000ft | Ins | ft / 1000 ft / 1000 lb |
| 0.092 | 1620 | 23 | 11 | 7 |
| 0.108 | 2170 | 32 | 13 | 5 |
| 0.125 | 2850 | 43 | 15 | 4 |
| 0.140 | 3400 | 54 | 17 | TBA |
| 0.160 | 4400 | 71 | 20 | TBA |

SUPA 75[®] is a Super-Austenitic stainless alloy. It is well suited for work in highly corrosive wells especially where pitting, crevice corrosion, and stress corrosion cracking are likely to occur. Increased levels of chromium and nickel ensure excellent general corrosion resistance whilst nitrogen content increases tensile and yield strength.

*Weight for stretch calculation must include the weight of the wire.

**DWS recommends a maximum safe working load of 60% Actual Breaking Load (ABL) when jarring and 70% ABL for straight pulls.