

SUPA 75[®] Hi Strength Wireline

www.foxwire.co.uk

| Chemical Composition | | | | | | | | | | |
|----------------------|----------|---------|---------|----------|-----------|-------------|-----------|------------|-------------|-------------|
| Element | C | Si | Mn | P | S | Cr | Mo | Cu | Ni | N |
| Weight % | 0.02 Max | 0.5 Max | 2.0 Max | 0.03 Max | 0.005 Max | 19.0 - 21.0 | 6.0 - 7.0 | 0.7 - 1.50 | 24.0 - 26.0 | 0.12 - 0.20 |

| | | |
|-------------------|--------|-------|
| Wireline Diameter | Inches | 0.125 |
|-------------------|--------|-------|

| Mechanical Properties | | |
|-----------------------|-------------------|----------------------|
| Wireline Diameter | Millimetres | 3.18 |
| | Inches | 0.125 |
| Minimum Breaking Load | lbf | 2830 |
| Typical Breaking Load | lbf | 2980 |
| Minimum UTS | N/mm ² | 1590 |
| Typical UTS | N/mm ² | 1675 |
| Yield Strength | (0.2% P.S.) | 80 - 90% UTS |
| Elastic Limit | | 22-28% UTS |
| Modulus of Elasticity | N/mm ² | 16 X 10 ⁴ |
| Recommended Safe Load | | 75% EBL |
| Sheave Diameter | Inches | 15 |
| Minimum Wraps | | |

| Physical Properties | | |
|--------------------------------|-------------------|-------|
| Wireline Diameter | Millimetres | 3.18 |
| | Inches | 0.125 |
| Density | g/cm ³ | 8.1 |
| Coefficient of Liner Expansion | Mm/m/°C | 0.15 |
| Wireline Weight | lb/1000ft | 23.29 |
| Minimum Wireline Stretch | Inch/100ft/100lb | 0.43 |
| Thermal Conductivity | W/m.K | 12 |
| Specific Heat | j/kg.K | 415 |
| Resistivity | μOhm Cm | 96 |
| Magnetic Permeability | | 1.01 |

| Corrosion Resistance | |
|---|---------------------------------|
| H ₂ S + CO ₂ | Excellent in all concentrations |
| Chloride (Brine, salt etc.) | Excellent |
| H ₂ S + CO ₂ + Chloride | Very Good |

*EBL (Effective Breaking Load) = Actual Certified Breaking Load minus the weight of tools and minus the weight of wire off the drum.

Enhanced properties obtained by a combination of careful material selection and advanced manufacturing processes providing users with a higher load capability

100% Non-destructive Tested

100% Weld Free

Every Wireline is individually numbered providing full traceability

Individually crated to protect during shipment.

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