

ARCFUSION

XM71®

GENERAL CHARACTORISTICS:

ARCTEC® ARCFUSION XM71® is an advanced seamless metal cored welding wire. This premium quality steel multipurpose wire has all position capabilities and superior low temperature impact properties. XM71 is engineered to H4 classification to exceed your low hydrogen requirements. **CWB CERTIFIED TO -50°C**

APPLICATIONS:

Seamless technology eliminates moisture absorption. Lower levels of diffusible hydrogen results in a lower risk of hydrogen induced cracking. Excellent wire feeding characteristics and extended contact tip life up to 3x. No torsion twist provides outstanding automated welding performance. Major industry applications; Maintenance & Repair, Fabrication, Mining, Construction, Railway, Agriculture, Pulp & Paper, Forestry, Oil & Gas, Ship Building, and Hydro Power.

MECHANICAL PROPERTIES:

**Tensile Strength** **Yield Strength** **Elongation**

70,000-95,000 psi 58,000 psi 22%

490 - 550 MPa 400 MPa

OPERATING PARAMETERS:

**Process -** MCAW

**Polarity -** DCEP / REVERSE

**Diameter -** 0.045” 1/16”

**Voltage -**  16 – 32 24 – 37

**Amperage -** 120 – 320 270 – 400

**Gas -** M20 85% - 95% Argon, rest C02 M21 N75% - 85% Argon, rest C02

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