

Premium Low Hydrogen Arc Welding Electrodes

- Exceptional arc stability
- A low hydrogen controlled electrode
- Easy slag removal
- Welding high tensile & Carbon Steel
- All Positional except vertical down

7016TC is a smooth running, basic low hydrogen electrode, developed for all positional except vertical down welding.

The 7016TC has exceptional arc stability and weldability which delivers high quality weld deposits with reliable mechanical properties.

Current Type: AC or DC+

DIAMETER/LENGTH(mm)	2.5/350	3.2/350	4.0/350
Positions	Current(A)	Current(A)	Current(A)
F	70-90	100-140	150-190
V-UP/OH	60-90	80-120	110-150

Recommended for DC +/- or AC (minimum 50 OCV)
Voltage is determined by arc current and electrode arc length.
Arc voltage shown is typical and is only to be used as a guide.

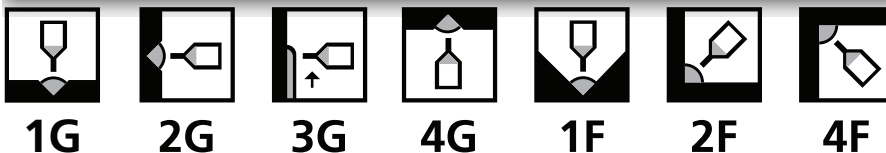
TYPICAL MECHANICAL PROPERTIES OF DEPOSITED METAL

Tensile Strength 520 MPa Yield Strength 430MPa Elongation 31%

KEEP DRY Re-Drying/Conditioning temperatures of 80-120°C for 1 hour. Re-drying should be restricted to a maximum of three cycles.

WELDING POSITIONS

All Positional Except Vertical Down



Warning:

- Electric shock can kill
- Always wear eye protection
- Protect yourself and others around you
- Use enough ventilation for both arc and fume source
- Fumes and gases are dangerous to your health
- Arc rays can injure your eyes and burn skin

CLASSIFICATION

AWS: A 5.1 : E7016 AS/NZS 4855B-E4916AU