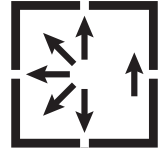


## HYPERARC™ 7018

### 7018 LOW HYDROGEN ELECTRODE



#### SUMMARY

- ✓ Excellent arc stability
- ✓ High penetration
- ✓ Less spatter
- ✓ Concentrated arc

#### CLASSIFICATION

- ✓ AS/NZS 4855: B E 4918 A U H10
- ✓ AWS/ASME SFA5.1: E7018

#### APPROVALS

- ✓ Lloyds Register of Shipping
- ✓ ABS
- ✓ DNV

#### DESCRIPTION

The HYPERARC 7018 is a Hydrogen controlled iron powder electrode. With its all positional capabilities (except vertical down) it is the ideal choice for high deposition welding.

#### RECOMMENDED CURRENT

AC & DC+

#### OPERATING DATA

ELECTRODE SIZE (MM)	ELECTRODE LENGTH (MM)	CURRENT RANGE
2.6mm	300mm	50-90A
3.2mm	350mm	80-130A
4.0mm	400mm	110-180A

#### TYPICAL CHEMICAL COMPOSITION (%)

C	Mn	Si	P	S
0.04	0.874	0.231	0.023	0.01



#### TYPICAL MECHANICAL ANALYSIS

Yield Stress	483 MPa
Tensile Strength	599 MPa
Elongation	28%
Impact Test	128J @ -40°C

#### TYPICAL APPLICATIONS

- ✓ Structural Steel Fabrication
- ✓ Pressure Vessel welding
- ✓ Repair work for Agriculture and mining machinery
- ✓ Ship building and repairs

#### PACKAGING INFO

ELECTRODE SIZE (MM)	WEIGHT (KG)	SKU
2.6mm	2kg (Vacuum Seal)	U63011
3.2mm	2kg (Vacuum Seal)	U63012
4.0mm	2kg (Vacuum Seal)	U63013