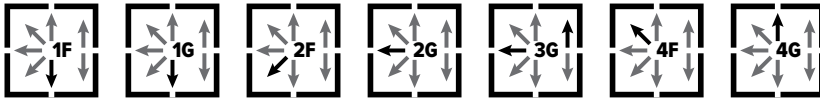


TWIN COAT LOW-HYDROGEN

HYPERARC 16 TWIN COAT



Summary

HYPERARC 7016 Twin Coat is a low-hydrogen electrode designed for all-position welding, with the exception of vertical down. Suitable for both AC and DC power sources, its distinctive twin-coating formulation improves arc stability. This electrode delivers welds of the highest quality, ensuring dependable notch toughness even at temperatures as low as -40°C. The fast-freezing slag further refines the welding process, allowing for a more streamlined operation.

Typical Applications

- Industrial machinery and heavy equipment manufacturing
- Offshore platforms and related marine projects
- Construction of bridges and heavy-duty infrastructure
- Power plants and energy-related structures
- High-tensile structural components
- Mining equipment and structures
- High-rise building frameworks
- Critical applications where notch toughness is paramount
- Structures exposed to sub-zero temperatures

Classification

- AS/NZS 4855: B - E49 16 A U H10

Standards

- AWS A5.1 E7016
- AWS SFA5.1: E7016 H8
- AS/NZS 4855-B-E49 16 A U H10

Approvals

- Lloyds Register of Shipping
- ABS
- DNV

Operating Polarity

- AC & DCEP

Operating Data

ELECTRODE SIZE	WELDING CURRENT RANGE
2.6mm	50A-90A
3.2mm	80A-130A
4.0mm	110A-180A

Typical Chemical Composition (%)

C	Mn	Si	P	S
0.060	0.914	0.488	0.069	0.009
Ni	Cr	Mo	V	
0.040	0.064	0.008	0.003	

Typical Mechanical Analysis

YIELD STRENGTH	486
TENSILE STRENGTH	578
ELONGATION	28
TEST TEMP. (°C)	-30
ABSORBED ENERGY (J)	80

Packaging Info

SKU	ELECTRODE SIZE	WEIGHT	DESCRIPTION
U63006	2.6mm	1kg	HYPERARC 16 TWIN COAT LOW-HYDROGEN ELECTRODES 2.6MM 1KG
U63007	3.2mm	1kg	HYPERARC 16 TWIN COAT LOW-HYDROGEN ELECTRODES 3.2MM 1KG
U63008	2.6mm	2kg	HYPERARC 16 TWIN COAT LOW-HYDROGEN ELECTRODES 2.6MM 2KG
U63009	3.2mm	2kg	HYPERARC 16 TWIN COAT LOW-HYDROGEN ELECTRODES 3.2MM 2KG
U63010	4.0mm	2kg	HYPERARC 16 TWIN COAT LOW-HYDROGEN ELECTRODES 4.0MM 2KG