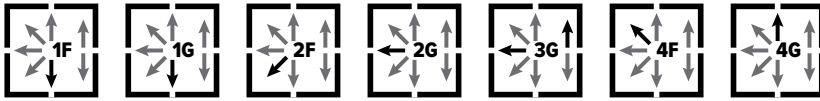


GENERAL PURPOSE

HYPERARC 6013



Summary

HYPERARC 6013 is a general-purpose electrode designed for welding mild and low alloy steels. Suitable for all-position welding, excluding vertical down, it offers consistent performance, characterised by easy slag removal and dependable arc initiation.

Typical Applications

- General steel constructions and fabrications
- Light structural elements and framework
- Agricultural equipment repair and manufacturing
- Furniture metal frameworks
- Decorative and artistic metalwork
- General maintenance and repair tasks

Classification

- AS/NZS 4855: B - E43 13A

Standards

- AWS/ASME SFA5.1: E6013
- AWS A5.1 E6013

Approvals

- Lloyds Register of Shipping
- ABS

Packaging Info

SKU	ELECTRODE SIZE	WEIGHT	DESCRIPTION
U63030	2.0mm	1kg	HYPERARC 6013 GENERAL PURPOSE ELECTRODES 2.0MM 1KG
U63031	2.0mm	2.5kg	HYPERARC 6013 GENERAL PURPOSE ELECTRODES 2.0MM 2.5KG
U63001	2.6mm	1kg	HYPERARC 6013 GENERAL PURPOSE ELECTRODES 2.6MM 1KG
U63032	2.6mm	2.5kg	HYPERARC 6013 GENERAL PURPOSE ELECTRODES 2.6MM 2.5KG
U63003	2.6mm	5kg	HYPERARC 6013 GENERAL PURPOSE ELECTRODES 2.6MM 5KG
U63002	3.2mm	1kg	HYPERARC 6013 GENERAL PURPOSE ELECTRODES 3.2MM 1KG HANDY PACK
U63033	3.2mm	2.5kg	HYPERARC 6013 GENERAL PURPOSE ELECTRODES 3.2MM 2.5KG
U63004	3.2mm	5kg	HYPERARC 6013 GENERAL PURPOSE ELECTRODES 3.2MM 5KG
U63005	4.0mm	5kg	HYPERARC 6013 GENERAL PURPOSE ELECTRODES 4.0MM 5KG

Operating Polarity

- AC & DCEP/DCEN

Operating Data

ELECTRODE SIZE	WELDING CURRENT RANGE
2.0mm	30A-50A
2.6mm	50A-90A
3.2mm	90A-130A
4.0mm	110A-170A

Typical Chemical Composition (%)

C	Mn	Si	P	S
0.066	0.326	0.260	0.026	0.009
Ni	Cr	Mo	V	
0.018	0.034	0.005	0.011	

Typical Mechanical Analysis

YIELD STRENGTH	477
TENSILE STRENGTH	525
ELONGATION	27
TEST TEMP. (°C)	0
ABSORBED ENERGY (J)	82