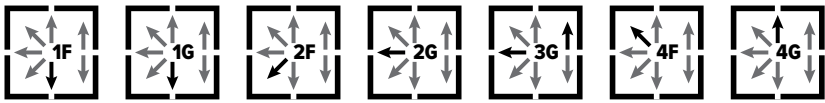


HARDFACING

HYPERARC 531



Summary

HYPERARC Hardfacing electrodes are steel electrodes crafted for surfacing and resurfacing applications, designed to combat abrasion, erosion, and impact wear on a variety of base materials. When applied, it forms a tough and wear-resistant layer on the surface of the metal, extending the life of equipment and parts subjected to heavy wear conditions. This electrode ensures a smooth, stable arc with minimal spatter and produces weld deposits that are consistently hard and resistant to abrasion.

Typical Applications

- Restoration of worn-out surfaces on mining equipment
- Rebuilding and overlaying agricultural tools and equipment
- Construction equipment and tools
- Wear plates and dragline buckets
- Conveyor screws and dredging components

Classification

- AS/NZS 2576: 1855-A4

Standards

- DIN 8555: E2-UM-55

Packaging Info

SKU	ELECTRODE SIZE	WEIGHT	DESCRIPTION
U63025	3.2mm	1kg	HYPERARC 531 HARDFACING ELECTRODES 3.2MM 1KG

Operating Polarity

- AC & DCEP

Operating Data

ELECTRODE SIZE	WELDING CURRENT RANGE
3.2mm	80A-120A

Typical Chemical Composition (%)

C	Mn	Si	P	S	Ni
0.530	1.040	1.050	0.013	0.004	0.060
Cr	Mo	V			
3.380	0.013	0.043			

Typical Mechanical Analysis

HARDNESS	55
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