

VANTUNG

General Description

A coated tubular electrode with vanadium carbide in a tough matrix, the unique feature of vanadium carbide is that it will dissolve during welding and will reform upon solidification. Deposit contains vanadium carbide which is close to the wear resistance of tungsten carbide. It can be used on components subject to extreme earth abrasion.

Typical applications: scrapping, cutting, digging and handling of highly abrasive earth-like materials. Examples are: dredge cutter blades, augers, conveyor flights, scraper blades and tool joints.

Welding Parameters

Diameter	5/32"	3/16"	1/4"
Current	AC or DC	AC or DC	AC or DC
Polarity	Straight or reverse	Straight or reverse	Straight or reverse
Amperage	80-130	130-165	150-180

Deposit Characteristics

Abrasion Resistance	Outstanding
Impact Strength	Moderate
Machinability	Not applicable
Thickness	2 layers maximum
Deposit cross check	yes

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