Exceptional for welding, overlaying, surfacing and building up of worn or missing parts on most metals including:

carbon steel

monel

tin bronze

high manganese steel tool steel

cast iron nickel

brass copper

aluminum bronze

or any combination of dissimilar metals

Some of the outstanding Features Include

Special flux coating	Enables smooth, spatter free welds
	Little or no preheat required
Super machineability	/
Economical	Saves time, labor and replacement parts

Minerals-Tech 300 Has the Following Properties

High tensile strength
Extremely ductile Alloyed for high elongation & crack resistant welds
Low coefficient of friction Out-lasts steel or brass in frictional wear capabilities
Work hardens to 200 Bn For tough, dense & impact resistant deposits

Some of the Proven Applications for 300 Include

Shaft buildups * Guide repairs * Gate valves * Pillow blocks * Hydraulic equipment * Gear teeth * Drive shaft worm gear * Extrusion press ram * Drawing dies * Bearings * Pumps for the chemical & paper industries * Steering knuckles * Cast iron repairs * Galvanized sheet metal * Thrust bearings * Impellers * Turbines * Stirrer blades * Mixing paddles * Casting defects * Papermill rolls * Welds and repairs on most ferrous and non ferrous metals!

D.C. Reverse Polarity

1/8

5/32

90-125 Amps 120-150 Amps

Minerals-Tech® 310

Economical, easy to apply electrode for maintenance where strength or wear resistance are not prime factors. Flux coating formulated for use on AC as well as DC machines.

Tensile 60,000 PSI

Hardness to 120 Bn

MINERALS TECHNOLOGY® CORP. MINERALS-TECH® ALLOYS

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ANSWERING SERVICE A NEW MEXICO WELDING ALLOYS COMPANY