



MINERALS-TECH[®] 480_{AC-DC}

Developed to meet the extreme applications that are faced from day to day in maintenance. Minerals-Tech[®] 480 is the finest all position electrode for low carbon steel and thin metal welding.

Some of the Outstanding Features are

All position Welds vertical, horizontal or overhead with ease
Welds gap or contact Won't stick
Instant start Even or restrike
Low amperage requirements Prevents burn through on thin or sheet metal
Excellent for thick to thin metal welding Welds through rusty, dirty, oily or painted surfaces Easy slag removal and spatter free welds Smooth, steady arc provides consistent penetration Superior for filling holes and poor fit joints Welds as easily on AC as it does on DC machines

Minerals-Tech[®] 480 Has Remarkable Qualities

The unique alloyed core wire has high strength up to 83,000 PSI
Deposits are ductile approx. 25% elongation

The special flux coating is designed to improve running characteristics of low circuit AC welding machines and provides lower amperage requirements. Scavenger compounds are included to eliminate contamination from rust, oil and other impurities present in maintenance welding.

Minerals-Tech[®] 480 is used in fabrication and maintenance on thin, medium, heavy and dissimilar gauge mild steel * Angle iron * Plate * Beams * Filling holes * Pipe * Repairing machining defects and worn surfaces * Tack and spot welding * Sheet metal welding * Ducts * Machine guards

MINERALS TECHNOLOGY[®] CORP. MINERALS-TECH[®] ALLOYS

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AC or DC either Polarity
DC Reverse produces deep penetration
DC Straight produces limited penetration

Size	1/16	5/64	3/32	1/8	5/32	3/16
Amperages	20-50	25-60	35-80	60-120	80-160	110-200

Available in T.I.G. Order Minerals-Tech[®]480 T.I.G.

A NEW MEXICO WELDING ALLOYS COMPANY

When analysis of metals is unknown or vibration has caused original welds to crack, use Minerals-Tech[®]100