

MG 500W

PREMIUM GASLESS, FLUX-CORED, MILD STEEL, ALL POSITION ELECTRODE FOR MAINTENANCE AND REPAIR WELDING OF MILD STEEL AND GALVANIZED STEELS

GENERAL CHARACTERISTICS:

This self-shielded, flux-cored, mild steel electrode is designed for single pass, semi-automatic welding applications encountered by the maintenance and repair welder. It is excellent for carbon steels, galvanized steels, and zinc-coated steels. The specially formulated flux contained inside the wire eliminates the need for an external shielding gas and provides the necessary slag to produce the same high quality weld as the MG 500 coated electrode. The MG 500W is excellent for use with small constant current wire feeders which are lightweight and can be used with DC power sources designed for stick welding.

APPLICATIONS:

Fabrication and repair of lightweight structural steel, trailers, tanks, hoppers, and machinery parts. Excellent for use on fillet and lap welds on thin gauge steel where burn through is a problem with other wires and electrodes. An ideal electrode to use in drafty or windy conditions where gas-shielded wires cannot be used.

TECHNICAL DATA:

Tensile Strength up to 83,000 psi (572 N/mm²)
Current DCEN (electrode-)
Diameters Available023, .030", .035" and .045"

RECOMMENDED WELDING PARAMETERS DCEN(-):

Diameter	Volts	Amps
.023	12-16	20-175
.030	13-17	25-200
.035	14-18	50-225
.045	15-19	75-250