

MILD STEEL ELECTRODES

PowerWeld 6013



PowerWeld 6013 is a high titania coated electrode. This electrode provides good wetting and shallow penetration for thin sheet metal applications (using smaller diameter electrodes), but with sufficient penetration for welding medium gauge steel. PowerWeld 6013 is an all-purpose electrode that provides a soft steady arc which is easily regenerated, easy slag control for vertical-down welding, low spatter and a beautiful bead appearance. PowerWeld 6013 electrodes may be used in any position with AC or DC (straight or reverse polarity).

Applications

PowerWeld 6013 is commonly used for automobile bodies, truck frames and bodies, ornamental iron, metal furniture, farm implementations, machinery guards, storage tanks, or wherever appearance is important or desirable.

PowerWeld 7014



PowerWeld 7014 is an iron power, rutile type electrode providing high deposition rates and fast travel speed. This electrode provides a stable arc, flat smooth bead appearance and easy slag removability. PowerWeld 7014 is used for all position, single-pass and multi-layer welding applications. AC or DC (straight or reverse polarity) may be used.

Applications

Typical applications include: ship structures, bridges, structural steel for buildings, sheet metal, ornamental iron, auto bodies and fenders, machine parts, storage tanks, etc.

LOW HYDROGEN ELECTRODES

PowerWeld 7018



PowerWeld 7018 is a low-hydrogen electrode for use in all positions on low, medium and high-carbon steels. 70,000 PSI tensile strength. Ideal for out of position welding and tacking. Runs on AC or DCEP (reverse) polarity. Features a steady arc with low spatter and medium penetration, providing X-ray quality weld deposits.

Applications

PowerWeld 7018 is typically used for heavy machinery fabrication, pressure vessels, field and shop welding of bridges and structural steels, cast steels and shipbuilding, or most ASTM specifications on medium carbon and low alloy steels.

PowerWeld 7018AC

PowerWeld 7018AC is a low-hydrogen electrode for use in all positions on low, medium and high-carbon steels. 70,000 PSI tensile strength. Ideal for out of position welding and tacking. Runs on AC or DCEP (reverse) polarity. Specially formulated to operate with small 208/230 volt AC welders.

Applications

Typical applications include general fabrication, tack and skip welds, and for welding thin sections of steel.

ALLOY	PART NUMBER	DIAMETER		LENGTH	
		MM	INCHES	MM	INCHES
E6013 AWS A5.1 CWB TO CSA W48 E4313	PW601320	2.0	5/64	300	12
	PW601325	2.5	3/32	350	14
	PW601332	3.2	1/8	350	14
	PW601340	4.0	5/32	350	14
E7014 AWS A5.1	PW701425	2.5	3/32	350	14
	PW701432	3.2	1/8	350	14
E7018 AWS A5.1 CWB TO CSA W48 E4918-1-H8	PW701825	2.5	3/32	350	14
	PW701832	3.2	1/8	350	14
	PW701840	4.0	5/32	350	14
E7018AC AWS A5.1	PW7018AC25	2.5	3/32	350	14
	PW7018AC32	3.2	1/8	350	14

PACKAGING: 2KG (4.4 lbs) Plastic Boxes - 20kg (44 lbs) per Master Case