

Electrode Selection



6010

Deep Penetration

Uses: Welding carbon steel pipe & same type materials, back welding structure bottom, filler & cosmetic welding.

All Position
Cellulose-Na
DC+
60,900 PSI Tensile Strength

6011

Deep Penetration

Uses: Light sheet metal fabrication, maintenance/repair welding, galvanized steels, shipyards, or general construction.

All Position
Cellulose Coated
AC, DC±
74,400 PSI Tensile Strength

6013

Light to Medium Penetration

Uses: Shaft build up, general purpose fabrication, machine parts, metal buildings & structures. Smaller diameter for thin metal such as auto bodies, ornamental iron, metal furniture, or mild steel.

All Position
Titania Potassium Coated
AC or DC±
71,300 PSI Tensile Strength

7014

Light Penetration

Uses: Machine bases, frames & heavy sheet metal, low, medium, & high carbon steels, free machining steels, low alloy structures, high carbon castings, for short, irregular, poorly fit or downhill joints with medium to low penetration. When high deposition & speed of travel is important.

All Position
Rutile Base & Iron Powder
AC or DC+
77,500 PSI Tensile Strength

7018

Low Hydrogen

Uses: General purpose, tacking before finish welding, low, medium, & high carbon steels, low alloy structures, high carbon castings, pressure vessels, cold rolled steels & structural steels.

All Position
Low Hydrogen
AC or DC±
89,900 PSI Tensile Strength

7018AC

AC Low Hydrogen

Uses: Normal low alloy steels, carbon steels, free machining steels, pressure vessels, cold rolled steels & structural steels.

All Position
Low Hydrogen
AC, DC±
84,000 PSI Tensile Strength