

# Welding Electrodes

## 6013 Welding Electrode (General Purpose)

**COLOR CODE: RED LABEL** - A mild steel, general purpose, all position electrode that can be used on AC or DC (straight or reverse polarity) welding current. Small sizes are well suited for welding thin materials where low heat input is required. Especially useful for welding where poor fit-up (wide gaps) conditions exist.

- Ideal for use on weld joints with poor fit-ups.
- Light to medium penetrating, all purpose electrode.
- Used on light gauge metal, sheet metal and ductwork.
- For metal buildings and structures.



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6013 ELECTRODE				
SIZE	1 lbs	5 lbs	10 lbs	50 lbs
1/16"	40102-F \$12.34	----	----	----
5/64"	40202-F \$11.10	----	----	----
3/32"	30301-F \$6.78	30305-F \$21.60	----	30350-F \$136.00
1/8"	30401-F \$6.16	30405-F \$19.74	30410-F \$34.56	30450-F \$161.76
5/32"	----	30505-F \$18.50	30510-F \$33.32	30550-F \$160.54

## 6011 Welding Electrode (Vertical & Overhead)

**COLOR CODE: YELLOW LABEL** - A mild steel, general purpose all position electrode with stable arc characteristics and deep penetration. Use on AC or DC reverse polarity welding current. Fast freezing or rapid solidification of the weld metal facilitates welding in the vertical or overhead positions.

- Welding through medium amounts of paint, rust, dirt.
- High penetrating, all purpose electrode.
- Fence or post fabrication / repairs.
- For galvanized steel work.



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6011 ELECTRODE				
SIZE	1 lbs	5 lbs	10 lbs	50 lbs
3/32"	31101-F \$6.78	31105-F \$20.36	----	----
1/8"	31201-F \$6.78	31205-F \$19.74	31210-F \$34.56	31250-F \$153.12
5/32"	----	31305-F \$20.98	31310-F \$31.48	31350-F \$169.18

## 7014 Welding Electrode (High Deposition)

**COLOR CODE: ORANGE LABEL** - A mild steel, all position iron powder electrode designed to increase deposition rates and welding speeds. This electrode provides good arc stability, low spatter and produces medium to low penetration. Can be used on AC or DC (straight or reverse polarity).

- Light to medium penetrating, all purpose electrode.
- Used where higher deposition rates & faster travel speeds are required.
- For heavy sheet metal.
- Smooth, fine-rippled bead appearance.



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7014 ELECTRODE				
SIZE	1 lbs	5 lbs	10 lbs	50 lbs
3/32"	----	32005-F \$22.22	----	----
1/8"	----	32105-F \$20.36	32110-F \$33.96	----
5/32"	----	32205-F \$19.14	32210-F \$31.48	----

## AC 7018 Welding Electrode (High Strength - Low Hydrogen)

**COLOR CODE: LIGHT BLUE/RED LABEL** - A low hydrogen 7018 electrode designed to weld best when used with smaller 208/230 volt, single phase AC welders. This electrode provides a smooth, stable arc and has excellent restart capabilities. It is designed for welding low, medium and high-carbon steels and some higher strength low-alloy steels.

- For high strength (70,000 PSI min. tensile strength) welding requirements.
- Designed to be used with smaller 208/230 volt, AC welders.
- Low hydrogen electrode for low, medium and high carbon steels.
- For frames, trailer hitches and chassis.



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AC 7018 ELECTRODE				
SIZE	1 lbs	5 lbs	10 lbs	50 lbs
3/32"	30680-F \$6.78	30681-F \$22.22	----	----
1/8"	30684-F \$6.78	30685-F \$22.84	30686-F \$34.56	30687-F \$169.18
5/32"	----	30689-F \$17.90	30690-F \$36.42	30691-F \$167.94

## 7018 Welding Electrode (High Strength - Low Hydrogen)

**COLOR CODE: PALE BLUE LABEL** - A low hydrogen iron powder type electrode that produces X-Ray quality welds. It can be used in all positions and works best on DC reverse polarity welding current, providing excellent start and restart capabilities.

- Used where higher strength and resistance to cracking is required.
- Field erections and steel structures.
- For frames, trailer hitches and chassis.
- Low hydrogen electrode for low, medium and high carbon steels.
- For high strength (70,000 PSI min. tensile strength) welding requirements.



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7018 ELECTRODE				
SIZE	1 lbs	5 lbs	10 lbs	50 lbs
3/32"	30701-F \$6.16	30705-F \$22.22	----	----
1/8"	30801-F \$6.78	30805-F \$20.98	30810-F \$34.56	30850-F \$164.24
5/32"	----	30905-F \$19.14	30910-F \$34.56	30950-F \$154.36