Austenitic Stainless Steel Electrodes and Wires

Smooth-running, all-position alloys for joining the most common 200 and 300 Series stainless steel. Joins dissimilar grades of stainless including Series 200, 301, 302, 303, 304, 305 and 308 stainless, and CF-8, CF-3, CF-20 and HF castings.

Superior Advantages

- Minimal carbide precipitation
- Excellent corrosion and heat resistance
- All-position welding reduces the need to dismantle equipment
- Easy slag removal saves time

Applications

- Piping and tubing
- Food and medical processing equipment
- Housings and impellers
- Tanks and vats

Certanium® Alloys

787 AC-DC Electrode

Tensile Strength: 90,000 PSI
Yield Strength: 64,000 PSI
Elongation: 45%
Hardness: 21 HRC, as welded
Polarity: AC or DC Reverse

Dia. (Inches)	Amps (Flat or Overhead)	Amps (Vertical)	Part No.	Pkg. Qty. (Lbs.)
5/64	25 – 50	20 – 40	**P12643**	5
3/32	40 – 90	30 – 80	**P12640**	5
1/8	75 – 120	70 – 110	**P12641**	5
5/32	100 – 160	100 – 150	**P12642**	5

787M MIG Wire

Tensile Strength: 83,000 PSI
Yield Strength: 53,000 PSI
Elongation: Up to 39%
Hardness: 21 HRC, as welded
Gas: 98% Ar, 2% O_2

Dia. (Inches)	Part No.	Pkg. Qty. (Lbs.)
.030	**P18515**	2
.030	**P18417**	10
.035	**P18516**	2
.035	**P18413**	10
.035	**P18519**	25
.045	**P18517**	2

787T TIG Wire

Tensile Strength: 85,000 PSI
Yield Strength: 65,000 PSI
Elongation: Up to 39%
Hardness: 21 HRC, as welded
Polarity: DC Straight
Gas: 100% Ar

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
.035 x 36	**P14074**	1
1/16 x 36	**P14073**	2
3/32 x 36	**P14072**	2
1/8 x 36	**P14071**	2

Cronatron Alloys

383 Electrode

Tensile Strength: 80,000 PSI
Elongation: 35%
Polarity: AC or DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
3/32	50 – 70	**CW5172**	5
1/8	85 – 115	**CW5173**	5
5/32	115 – 145	**CW5174**	5

383M MIG Wire

Tensile Strength: 80,000 PSI
Elongation: 35%
Gas: 98% Ar, 2% O_2 or 90% He, 7.5% Ar, 2.5% CO_2

Dia. (Inches)	Part No.	Pkg. Qty. (Lbs.)
.030	**CW5148**	2
.030	**CW5149**	10
.035	**CW5151**	2
.035	**CW5152**	10
.035	**CW5153**	25
.045	**CW5155**	10
.045	**CW5156**	25

383T TIG Wire

Tensile Strength: 80,000 PSI
Elongation: 35%
Polarity: DC Straight
Gas: 100% Ar

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
1/16 x 36	**CW5175**	2
3/32 x 36	**CW5176**	2
1/8 x 36	**CW5177**	2