

SelectAlloy

★ STAINLESS SERIES ★

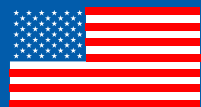
SUPERIOR
PERFORMANCE



UNRIVALED
CUSTOMER SERVICE



PROUDLY MADE IN
AMERICA



**100,000 SqFt
of advanced
manufacturing
and R&D**



Next Generation Facility

Select-Arc has opened a dedicated stainless facility, totaling nearly 100,000 SqFt, in Troy, Ohio. Over seventy percent of the facility is dedicated to manufacturing space for the production of high quality, stainless steel electrodes. The building is environmentally controlled and also houses a new technical center, featuring both R&D and application engineering functions. Additionally, state of the art manufacturing, testing and analytical equipment has been installed to ensure that the products reflect the high standards of quality, consistency and performance for which Select-Arc has been known for over twenty-one years.



Next Generation Tubular Stainless

Select-Arc is excited to introduce the next generation of SelectAlloy flux cored and metal cored electrodes. These products will be available in the same grades Select-Arc has been supplying, but will provide enhanced welder appeal, better bead geometry, improved bead appearance and cosmetics, as well as ease of operation in both the all position and flat/horizontal products.

Select-Arc is proud to provide the latest generation of SelectAlloy stainless products in keeping with its commitment to be the new, and true standard, of excellence in the tubular wire industry.



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AMERICA** 

Flat & Horizontal

The flat and horizontal series of flux cored electrodes were designed to compete with the very best competitive products, with respect to arc transfer, spatter levels, bead geometry, slag removal, and weld bead coloration. The arc transfer is a small droplet, or spray, mode, with virtually no spatter residue on the welded surface. The deposited weld beads are shiny, with minimal discoloration. Horizontal fillets are flat and equal legged, with very consistent ripple patterns. The slag typically lifts off in sections or completely self peels.

Features and Benefits

- Welds equally well on both 100% CO₂ and 75-80%Ar/balance CO₂
- High efficiencies
- Higher deposition rates than covered electrodes and solid wire
- Smooth arc characteristics generate low spatter
- Slag lifts off easily, with no residual on weld surface
- Minimal clean up required

Available Grades (AWS A5.22 Classification)

- **SelectAlloy 308L**
 - E308LT0-1, -4, E308T0-1, -4
- **SelectAlloy 308H**
 - E308HT0-1, -4, E308T0-1, -4
- **SelectAlloy 308L CRYO**
 - E308LT0-4
- **SelectAlloy 309L**
 - E309LT0-1, -4
- **SelectAlloy 309LMo**
 - E309LMoT0-1, -4
- **SelectAlloy 312**
 - E312T0-1, -4
- **SelectAlloy 316**
 - E316T0-1, -4
- **SelectAlloy 316L**
 - E316LT0-1, -4, E316T0-1, -4
- **SelectAlloy 316L CRYO**
 - E316LT0-4
- **SelectAlloy 317L**
 - E317LT0-1, -4, E317T0-1, -4
- **SelectAlloy 347**
 - E347T0-1, -4
- **SelectAlloy 2209**
 - E2209T0-1, -4
- **SelectAlloy 2594**
 - E2594T0-1, -4

Approvals

SelectAlloy 308L

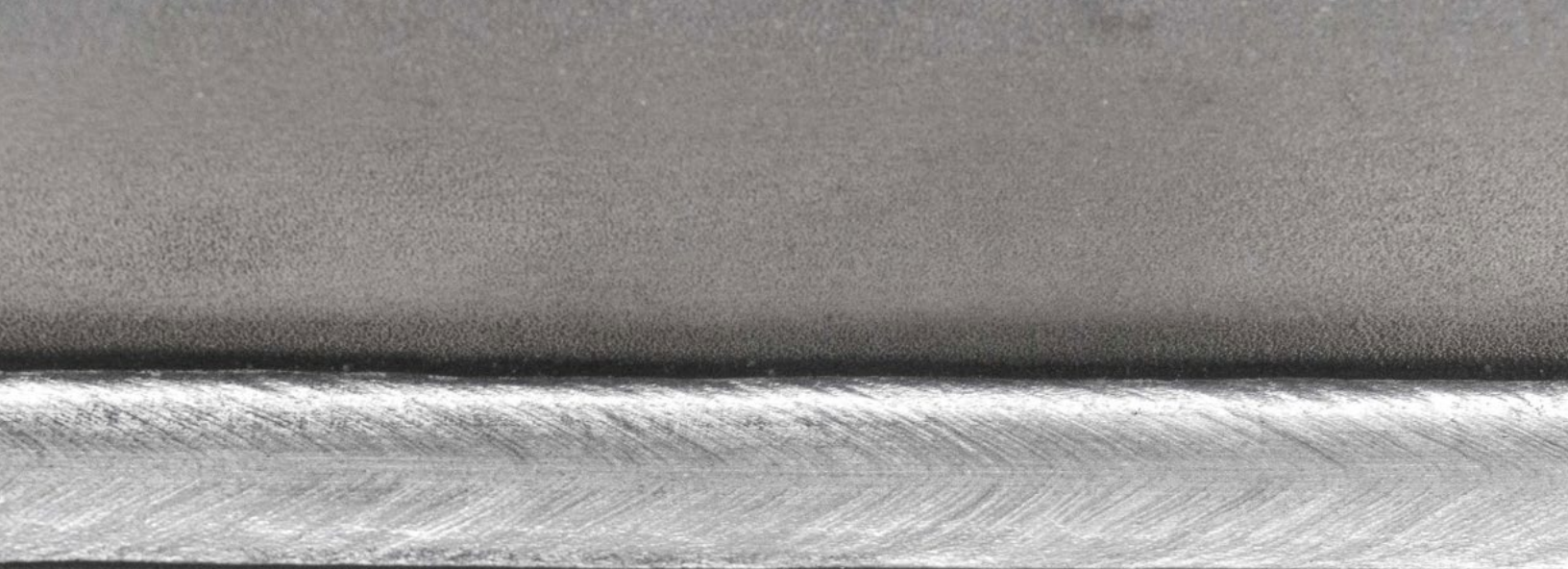
- CWB – CO₂ E308LT0-1
- ABS – CO₂ E308LT0-1
- ABS – 75/25 E308LT0-4

SelectAlloy 309L

- CWB – CO₂ E309LT0-1
- ABS – CO₂ E309LT0-1
- ABS – 75/25 E309LT0-4

Select 316L

- CWB – CO₂ E316LT0-1
- ABS – CO₂ E316LT0-1
- ABS – 75/25 E316LT0-4



SelectAlloy 308L – Horizontal



SelectAlloy 308L - Rolled Pipe

All Position

Select-Arc's new all position, SelectAlloy flux cored stainless electrodes are the result of extensive R&D formulation work to come up with a truly superior product. The arc transfer is a smooth, small droplet, spray with virtually no spatter. Ease of welding in all positions is possible by designing a slag system that melts and freezes at the right temperatures to allow flat vertical up fillets and equal legged horizontal fillets. The vertical up fillets can be welded with either a direct, stringer technique or by using a slight weave. Slag typically self peels and removes cleanly. Operating appeal is good with both 100% CO₂ and 75-80% Ar/balance CO₂.

Features and Benefits

- Excellent welding in all positions with both 100% CO₂ and 75-80% Ar/balance CO₂
- Superior performance in pipe joints
- Smooth arc characteristics generate low spatter
- Slag lifts off easily, with no residual on weld surface
- Minimal clean up required

Available Grades [AWS A5.22 Classification]

- SelectAlloy 16-8-2-AP
- SelectAlloy 307-AP
 - E307T1-1, -4
- SelectAlloy 308L-AP
 - E308LT1-1, -4, E308T1-1, -4
- SelectAlloy 308H-AP
 - E308HT1-1, -4, E308T1-1, -4
- SelectAlloy 308L-AP CRYO
 - E308LT1-4
- SelectAlloy 309L-AP
 - E309LT1-1, -4, E309T1-1, -4
- SelectAlloy 309H-AP
 - E309HT1-1, -4, E309T1-1, -4
- SelectAlloy 309LMo-AP
 - E309LMoT1-1, -4
- SelectAlloy 309LCb-AP
 - E309LNbT1-1, -4
- SelectAlloy 312-AP
 - E312T1-1, -4
- SelectAlloy 316L-AP
 - E316LT1-1, -4, E316T1-1, -4
- SelectAlloy 316H-AP
 - E316HT1-1, -4, E316T1-1, -4
- SelectAlloy 316L-AP CRYO
 - E316LT1-4
- SelectAlloy 317L-AP
 - E317LT1-1, -4, E317T1-1, -4
- SelectAlloy 347-AP
 - E347T1-1, -4
- SelectAlloy 2209-AP
 - E2209T1-1, -4
- SelectAlloy 2553-AP
 - E2553T1-1, -4
- SelectAlloy 2594-AP
 - E2594T1-1, -4

Approvals

SelectAlloy 308L-AP

- ABS – CO₂ E308LT1-1
- ABS – 75/25 E308LT1-4
- CWB – CO₂ E308LT1-1
- CWB – 75/25 E308LT1-4
- DNV – CO₂ VL 308 L

SelectAlloy 309L-AP

- ABS – CO₂ E309LT1-1
- ABS – 75/25 E309LT1-4
- CWB – CO₂ E309LT1-1
- CWB – 75/25 E309LT1-4
- DNV – CO₂ VL 309 L

Select 316L-AP

- ABS – CO₂ E316LT1-1
- ABS – 75/25 E316LT1-4
- CWB – CO₂ E316LT1-1
- CWB – 75/25 E316LT1-4
- DNV – CO₂ VL 316 L



SelectAlloy 308L-AP – Rolled Pipe



SelectAlloy 308L-AP – Vertical Up



SelectAlloy

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Flat & Horizontal Grades

- SelectAlloy 308L
- SelectAlloy 308H
- SelectAlloy 308L CRYO
- SelectAlloy 309L
- SelectAlloy 309LMo
- SelectAlloy 312
- SelectAlloy 316L
- SelectAlloy 316L CRYO
- SelectAlloy 317L
- SelectAlloy 347
- SelectAlloy 2209
- SelectAlloy 2594

All Position Grades

- SelectAlloy 16-8-2-AP
- SelectAlloy 307-AP
- SelectAlloy 308L-AP
- SelectAlloy 308H-AP
- SelectAlloy 308L-AP CRYO
- SelectAlloy 309L-AP
- SelectAlloy 309H-AP
- SelectAlloy 309LMo-AP
- SelectAlloy 309LCb-AP
- SelectAlloy 312-AP
- SelectAlloy 316L-AP
- SelectAlloy 316H-AP
- SelectAlloy 316L-AP CRYO
- SelectAlloy 317L-AP
- SelectAlloy 347-AP
- SelectAlloy 2209-AP
- SelectAlloy 2553-AP
- SelectAlloy 2594-AP

Metal Cored Grades


- SelectAlloy 16-8-2-C
 - EC16-8-2
- SelectAlloy 307-C
 - EC307
- SelectAlloy 307EU-C
- SelectAlloy 308L-C
 - EC308L, EC308
- SelectAlloy 308LSi-C
 - EC 308LSi
- SelectAlloy 309L-C
 - EC309L, EC309
- SelectAlloy 309LSi-C
 - EC309LSi
- SelectAlloy 309LCR-C
 - EC309L, EC308
- SelectAlloy 310G-C
- SelectAlloy 312-C
 - EC312
- SelectAlloy 316L-C
 - EC316L, EC316
- SelectAlloy 316LSi-C
 - EC316LSi
- SelectAlloy 317L-C
 - EC317L, EC317
- SelectAlloy 347-C
 - EC347

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