

Stainless Steel AISI 304L MIG TIG Filler Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.03	2.0	0.75	18	8

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SKU: AISI 304L

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

AISI 304L is the low carbon version of AISI 304 (0.08%C) which may be susceptible to intergranular corrosion in certain corrosive media after it is welded or otherwise heated at temperatures between 430 and 860°C. For welded applications avoid the unstabilised, higher carbon, versions. CHEMICAL COMPOSITION OF ALL WELD METAL (%)

Element	C	Mn	Si	Cr	Ni
Percent	0.03	2.0	0.75	18	8

Stainless Steel Tig Filler Rods ER 308



Element	C	Mn	Si	Cr	Ni
Percent	0.05	1.40	0.40	19.5	9.50

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SKU: ER308

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

The weld metal displays good resistance to cracking, corrosion, and scaling. Ideally suited for welding stainless steel materials of similar composition like AISI 301, 302, 304, 308 etc.

ER 308L Stainless Steel Tig Mig Filler Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.02	1.20	0.40	20	10

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SKU: ER 308L

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER 308L is solid wire for TIG process, available in bright finish, gives smooth flow, stable arc and spatter free under optimum welding conditions. It gives radiographic quality welds. Wire contains low carbon 20Cr-10Ni. The weld metal exhibits excellent resistance to intergranular Corrosion. It is ideally suited for welding of stainless steels of similar composition like 304L and equivalents, for overlays, surfacing, and repairing castings of similar materials.

CHEMICAL COMPOSITION OF ALL WELD METAL (%)

Element	C	Mn	Si	Cr	Ni
Percent	0.02	1.20	0.40	20	10

ER 309L Stainless Steel Tig Mig Filler Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.02	1.75	0.35	23.3	13.8

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SKU: ER 309L

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER 309 is a solid wire for TIG welding, available in bright finish, gives smooth flow, stable arc and spatter free under optimum welding conditions. It gives radiographic quality weld deposit. The weld metal has excellent mechanical properties and possesses good oxidation and scaling resistance at elevated temperatures. It is ideally suited for welding stainless steels, wrought and cast materials of similar composition, welding of 18/8 type stainless steels to carbon steels for buffer layers, for welding clad side of 18/8clad stainless steels, etc.

COMPOSITION OF ALL WELD METAL (%)

Element	C	Mn	Si	Cr	Ni
Percent	0.02	1.75	0.35	23.3	13.8/td>

ER 310 Stainless Steel Tig Welding Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.17	2.40	0.50	25.8	21

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SKU: ER 310

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER 310 is a stainless steel wire for welding steels of similar composition. The weld metal has excellent resistance to oxidation and scaling upto 1200°C. The filler is also suitable for welding of hardenable steels, clad steels, C-Mo, Cr-Mo steels where pre-heat and post weld heat treatment are not feasible.

ER 316 TIG Welding Filler Wire



Element	C	Mn	Si	Cr	Ni	Mo
Percent	0.035	1.75	0.45	18.5	12.5	2.3

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SKU: ER 316

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER 316L filler metal is primarily used for welding low carbon molybdenum-bearing austenitic alloys. The weld metal displays good crack resistance, excellent creep strength and resists scaling at elevated temperatures up to 850°C. The weld metal has excellent resistance to corrosion and pitting.

ER 316L Stainless Steel TIG Filler Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.02	1.50	0.50	19.0	12.5

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SKU: ER 316L

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER 316L is a solid wire for TIG welding, available in bright finish, gives smooth flow, stable arc and spatter free under optimum welding conditions. It gives radiographic quality weld deposit. The weld metal has excellent resistance to intergranular corrosion even at elevated temperatures. It is ideal for welding stainless steel of similar composition in wrought or cast form and for overlay application to resist heat and corrosion. It is suitable for number of industries like rayon, dye, paper, chemical, fertilizer, petrochemicals, etc.

COMPOSITION OF ALL WELD METAL (%)

Element	C	Mn	Si	Cr	Ni
Percent	0.02	1.50	0.50	19.0	12.5

ER 347 Stainless Steel TIG Filler Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.04	1.4	0.37	19.15	9.5

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SKU: ER 347

Price:

Stock: instock

Categories: [Stainless Steel](#)
[Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#),
[Welding Filler Wires](#)

Product Description

ER 347 is a solid wire for TIG welding, available in bright finish, gives smooth flow, stable arc and spatter free under optimum welding conditions. It gives radiographic quality weld deposit. The Nb reduces the possibility of intergranular chromium carbide precipitation and thus susceptibility to intergranular corrosion and high temperature strength. It is suitable for welding Cr – Ni stabilized stainless steels of type AISI 347, 321, etc. COMPOSITION OF ALL WELD METAL (%)

Element	C	Mn	Si	Cr	Ni
Percent	0.04	1.4	0.37	19.15	9.5

ER 410 Stainless Steel TIG Welding Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.07	0.8	0.6	12.5	0.35

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SKU: ER 410

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

Ideally suited for joining similar alloys, resurfacing of valve seats, steam and gas turbine components. Ideal for joining straight chromium stainless steels.

ER 430 Stainless Steel TIG Welding Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.075	0.60	0.50	17	0.35

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SKU: ER 430

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

The weld deposit displays good resistance to corrosion and heat. The electrode is suitable for joining stainless steels of similar composition. It is also suitable for surfacing carbon steels, low alloy steels, and chromium steels. Typical applications include surfacing of valves, impellers, turbine blades etc.

ER 2209 Duplex Stainless Steel TIG Filler Rod



Element	C	Mn	Si	Cr	Ni	Mo	N
Percent	0.035	1.50	0.4	22	9.4	2.9	0.14

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SKU: ER 2209

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

E2209 is a specially formulated electrode depositing a stainless steel weld metal and is ideal for welding duplex stainless steels. The weld metal possesses excellent corrosion resistance in marine environments.
