



**APS Advert International (P) Ltd.**

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**WORLD CLASS WELDING CONSUMABLES  
& STAINLESS STEEL ELECTRODES**



## About us

**APS Advert International Pvt. Ltd.** established in the year 2013 is today India's fastest growing producer of international quality welding electrodes and consumables. We take a pleasure in introducing ourselves as a leading customer oriented organization dealing in all kind of Welding Electrodes, TIG Wires and Welding consumables. Our organization has been Instrumental in developing par-excellent products and with constant focus on market we apply proven blend of business acumen and entrepreneurial spirit to en-cash relevant opportunities.

Our electrodes are manufactured on most modern technologies under strict quality control, confirming to applicable specifications laid down by Bureau of Indian Standards, American Society, and British Standard, DIN and JIS standard. Our R & D center is well equipped with latest equipments for carrying out all mandatory tests. Our organization is dedicated to supply products, services and solutions that meet and exceed the need of our clients and customers.

We offer you the entire range of Stainless Steel, Mild steel, Hard facing and Low heat input electrodes as per your need and specification.

**We also deal in Flux cored Wire (E 71T-1).**

## Vision & Mission

### ▶ Our Vision

To build an intellectual prowess, unique features & provide quality product to our customers.

### ▶ Our Policy

In pursuit of excellence, we at APS Advert International Pvt. Ltd., strive to deliver highest quality welding products, services and solutions to the utmost satisfaction of our customers.

## Pioneer in Stainless Steel Welding Electrodes & Filler Wires

### Electrodes

- Self releasing slag
- Low moisture absorption
- Perfect Re-striking
- Best in class welding & packaging

### MIG / TIG Wires

- Warrantied Chemistry
- Premium Cast & Helix Control
- Premium Cleanliness
- Premium Packaging





## STAINLESS STEEL WELDING ELECTRODES

Product Name	Classification	Yield Strength N/mm2	Tensile Strength N/mm2	Elongation A5 (%)	Impact (J)	Welding Conditions	Unique feature
Premium 307	A5.4: E307-16	-	>600	>35	>70 at + 20°C	DC+;AC	DC+;AC Austenitic structure, rutile type, excellent weldability. Nice aspects of bead. Excellent machinability.
Premium 308	A5.4: E308-16	-	610	38	>55 at + 20°C	DC+;AC	Superior Weldability with self peeling slag. Finely rippled flat bead.
Premium 308L	A5.4: E308-16	-	600	40	>55 at + 20°C	DC+;AC	Rutile basic LMA type coating, excellent weldability. Exceptional Weld Bead.
Premium 309	A5.4: E309-16	-	620	>35	60 at + 20°C	DC+;AC	LMA type coating, ferrite balanced, finely rippled bead self peeling slag
Premium 309L	A5.4: E309L-16	-	600	>36	60 at + 20°C	DC+;AC	Superior weldability, exceptional bead appearance excellent for dissimilar welding
Premium 309Mo	A5.4: 309L MO-16	-	600	>35	60 at + 20°C	DC+;AC	Superior weldability. Finely rippled bead, self peeling slag. Superior crack resistant
Premium 310	A5.4: E310-16	-	580	>35	75 at + 20°C	DC+;AC	Superb weldability, fully austenitic structure. Scale resistant upto 1200°C. Hot cracking & chemical corrosion resistant.
Premium 312	A5.4: E312-16	>500	>800	>25	-	DC+;AC	Superior weldability. Excellent crack, heat & shock resistant, highest tensile elongation in class
Premium 316	A5.4: E316-16	-	590	>36	>60 at + 20°C	DC+;AC	LMA type coating, superior weldability. Excellent corrosion resistant.
Premium 316L	A5.4: E316-16	-	>550	>38	>60 at + 20°C	DC+;AC	Spatter less superior weldability. Finley ripple flat bead. Excellent corrosion resistant
Premium 317L	A5.4: E317-16	-	590	>34	50 at + 20°C	DC+;AC	Excellent crevice and pitting corrosion resistant, self peeling slag, finely rippled weld bead.

Premium 347	A5.4: E347-16	-	580	>36	>60 at + 20°C	DC+;AC	Rutile basic LMA type coating. Superior intergranular corrosion resistant
Premium DPX	A5.4: E2209-17	-	750	>22	50 at + 20°C	DC+;AC	Duplex, excellent intergranular corrosion, pitting & stress corrosion resistant, self peeling slag, spatter free arc.
Premium DPXS	A5.4: E2594-17	-	820	>18	47 at + 20°C	DC+;AC	Super-Duplex, excellent pitting and crevice corrosion resistant smooth arc, self peeling slag
Premium 308L-15	A5.4: E308L-15	-	580	>38	80 at + 20°C	DC(+)	Basic coated spatter less superior weldability. Impact passes at-196°C
Premium 309L-15	A5.4: E309L-15	-	>550	>35	60 at + 20°C	DC(+)	Basic coated, superior weldability, best in class mechanical properties
Premium 347-15	A5.4: E347-15	-	570	>36	80 at + 20°C	DC(+)	Basic coated, self peeling slag, superior weldability. Superior intergranular corrosion resistant

## CAST IRON WELDING ELECTRODES

Product Name	Classification	Yield Strength N/mm2	Tensile Strength N/mm2	Elongation A5 (%)	Impact (J)	Welding Conditions	Unique feature
Premium FENI	ENife-C1	-	>480	-	195HN	DC+;AC	Ferro-nickel, excellent for joining and repairing. Best in class machinability. Superior weldability with easy slag removal.
Premium NI	ENi-C1	-	-	-	-	DC+;AC	Electrode is used for SMAW Welding of gray, ductile, and malleable cast irons. It is used for joints between cast irons and carbon steel or low-alloy steel.
Premium NICU	ENiCu-B	-	-	-	200BHN	DC+;AC	Multipass welding can be done. The weld metal is free from cracks and has best color Match with parent metal.



## HARDFACING ELECTRODES

Product Name	Classification	Yield Strength N/mm2	Tensile Strength N/mm2	Elongation A5 (%)	Impact (J)	Welding Conditions	Unique feature
Premium Hard II	DIN 8555: E1 UM - 400	-	-	-	36-39 HRC	AC;DC-	Deposits are easy to machine with tough weldments. Heavy thickness will not crack.
Premium Hard III	DIN 8555: E6 UM - 60P	-	-	-	57-61 HRC	AC;DC-	Spray transfer for smooth uniform overlays. Excellent running performance
Premium Hard V	DIN 8555: E6 UM - 60P	-	-	-	56-60 HRC	AC;DC+	Excellent edge retention. Best in class hardness
Premium Hard VII	DIN 8555: E6 UM - 60P	-	-	-	55-65 HRC	AC;DC+	The electrode is highly resistant to cracking and exhibits excellent resistance to tempering upto 500°C.

## MILD STEEL WELDING ELECTRODES

Product Name	Classification	Yield Strength N/mm2	Tensile Strength N/mm2	Elongation A5 (%)	Impact (J)	Welding Conditions	Unique feature
Parag gold 6012	A5.1: 6012	≥350	410-540	≥22	≥60 at 27°C	AC;DC-	Good gap bridging. Suitable for por fit applications.
Parag gold 6013	A5.1: 6013	≥380	470-540	≥24	≥60 at 0°C	AC;DC±	Excellent for tack welding. Easy slag removal
Premium 6013	A5.1: 6013	≥380	470-540	≥24	≥60 at 0°C	AC;DC±	Excellent for tack welding. Excellent gap bridging
Premium 6013S	A5.1: 6013	≥400	470-540	≥24	≥60 at 0°C	AC;DC±	Superior slag detachability. Highest impact notch toughness in its class (80J at 0°typical)
Premium SS	A5.1: 6013	≥400	510	25	≥60 at 0°C	AC;DC±	Superior weldability, smooth weld bead, self peeling slag, radiographic quality weld.

## LOW HYDROGEN WELDING ELECTRODES

Product Name	Classification	Yield Strength N/mm2	Tensile Strength N/mm2	Elongation A5 (%)	Impact (J)	Welding Conditions	Unique feature
Premium 7016	A5.1: E7016	≥410	510-640	≥26	≥70 at + 30°C	DC+;AC	Self peeling slag. Excellent mechanical properties.
Premium 7018	A5.1: E7018	≥450	550-620	≥28	≥100 at + 30°C	DC+;AC	Excellent weldability. Best in class mechanical properties. Less than 4.0ml diffusible hydrogen level.
Premium 7018S	A5.1: E7018-1	≥450	550-620	≥28	≥90 at + 45°C	DC+;AC	Ultra smooth finely rippled weld beads. Less than 3.0ml diffusible hydrogen level
Premium 7018A1	A5.1: E7018-A1	≥450	≥550	≥22	≥60 at + 20°C	DC+;AC	Excellent weldability. Best suited positional welding. Excellent creep resistant
Premium 9018	A5.5: E9018G	550-650	650-720	≥18	≥30 at + 51°C	DC+;AC	A basic type, low hydrogen iron powder electrode for welding of high tensile grade steels
Premium 8018B2	A5.5: E8018B-2	≥490	560-720	≥20	≥60 at + 20°C	DC+;AC	Ultra smooth finely rippled bead. Best in class mechanical properties
Premium 8018W2	A5.5: E8018-W2	470-570	560-650	≥22	148 at + 20°C	DC+;AC	Slag is easily Detachable. Smooth and regular fusion gives uniform bead shape. Welds are of radiographic quality.
Premium 9018-G	A5.5: E9018-G	560	700	21	160 at + 20°C	DC+;AC	Excellent weldability, extra low hydrogen, self peeling slag, best in class mechanical properties.

## STAINLESS STEEL FILLER WIRES

### PREMIUM TIG:

Available ER grades – 304L,308L,309L,347.....  
(Available sizes: 1.60,2.00,2.40,3.20,4.00mm)

### PREMIUM MIG:

Available ER grades – 304L, 308L, 309L, 347...  
(Available sizes: 0.80, 1.00, 1.20mm)

