



## Approvals



INDIA'S  
FIRST FULL LENGTH  
WELDING.



### India's Finest SS Welding Electrodes

- ★ Perfect **FULL LENGTH** welding >310mm. No red hotness. No waste.
- ★ Self releasing slag & spatter free smooth welding.
- ★ Low moisture absorption - no porosities /blow holes /rework.
- ★ Best in class welding - smooth, finely rippled weld beads. Perfect re-striking.
- ★ Best in class colour matching.
- ★ Best in class vacuum packaging - minimum in transit breakages. No waste.

***"Lowest Actual Cost - Best Value for Money"***

### India's Finest SS Filler Wires



- ★ Warrantied chemistry
- ★ Superior Cast & Helix control
- ★ Smooth feedability
- ★ Perfect cleanliness
- ★ Best in class packaging

Product Name	Classification	Mechanical Properties Of Weld Metal (Typical)					Applications (All Vacuum Packed)
	AWS/SFA	Yield Strength N/mm2	Tensile Strength N/mm2	Elongation A5(%)	Impact (J) RT	Welding Conditions	
<b>SS WELDING ELECTRODES:</b>							
SUPER STAINLESS 308 L	E 308L-16	-	600	40	> 55	DC+; AC	Rutile basic LMA type coating, excellent weldability. Exceptional weld bead.
SUPER IMPULSE 308 L	E 308L-16	-	590	40	> 55	DC+; AC	Spatterless superior weldability, self peeling slag. Finely rippled bead.
SUPER OPTIMAL 308 L	E 308L-16	-	610	44	> 60	DC+; AC	LMA type coating, superior weldability without spatter, self peeling slag. Best in class mechanical properties.
SUPER STAINLESS 308	E 308-16	-	600	38	> 55	DC+; AC	Superior weldability with self peeling slag. Finely rippled flat bead.
SUPER STAINLESS 347	E 347-16	-	590	40	> 60	DC+; AC	Rutile basic-LMA type coating. Superior intergranular corrosion resistant.
SUPER STAINLESS 316 L	E 316L-16	-	> 550	> 35	> 60	DC+; AC	Spatterless superior weldability. Finely rippled flat bead. Excellent corrosion resistant.
SUPER OPTIMAL 316 L	E 316L-16	-	> 590	> 35	> 60	DC+; AC	Superior weldability, finely rippled bead, self peeling slag. Best in class corrosion resistant, Best in class mechanical properties.
SUPER STAINLESS 316	E 316-16	-	590	39	> 60	DC+; AC	LMA type coating, superior weldability. Excellent corrosion resistant.
SUPER STAINLESS 307	E 307-16	-	> 600	> 35	> 75	DC+; AC	Austenitic structure, rutile type, excellent weldability. Nice aspects of bead. Excellent machinability.
SUPER OPTIMAL 309 L	E 309L-16	-	600	> 38	60	DC+; AC	Excellent weldability, self peeling slag. Best in class mechanical properties. Best for joining dissimilar steels.
SUPER STAINLESS 309 L	E 309L-16	-	600	> 38	60	DC+; AC	Superior weldability, exceptional bead appearance, excellent for dissimilar welding.
SUPER STAINLESS 309	E 309-16	-	600	> 35	60	DC+; AC	LMA type coating, ferrite balanced, finely rippled bead. Self peeling slag.
SUPER OPTIMAL 309 MOL	E 309LMO-16	-	600	> 35	65	DC+; AC	Extra low carbon. Superior weldability. Nice aspects of bead. High level of delta ferrite. Excellent crack resistant.
SUPER STAINLESS 309 MOL	E 309LMO-16	-	600	> 35	65	DC+; AC	Superior weldability, finely rippled bead, self peeling slag. Superior crack resistant.
SUPER STAINLESS 310	E 310-16	-	620	35	75	DC+; AC	Superb weldability, fully austenitic structure. Scale resistant upto 1200° C. Hot cracking & chemical corrosion resistant.
SUPER STAINLESS 312	E 312-16	> 500	> 800	> 25	-	DC+; AC	Superior weldability. Excellent crack, heat and shock resistant, highest tensile strength with elongation in class.
SUPER STAINLESS 317 L	E 317L-16	-	> 580	>30	70	DC+; AC	LMA type coating, superior weldability. Excellent intergranular corrosion resistant.
SUPER STAINLESS 318	E 318-16	-	> 590	>28	70	DC+; AC	Superior weldability. Excellent resistance to intergranular carbide precipitation.
<b>SS FILLER WIRES:</b>							
<ul style="list-style-type: none"> <li>• SUPER TIG : Available grades - 304, 304L, 308L, 316L, 309L, 347 .... (Available sizes: 1.60, 2.00, 2.40, 3.20, 4.00 mm)</li> <li>• SUPER MIG : Available grades - 304, 304L, 308L, 316L, 309L, 347 .... (Available sizes: 0.80, 1.00, 1.20 mm)</li> </ul>							

Manufactured In India By



**SUPERON**<sup>®</sup>  
SUPERON SCHWEISSTECHNIK (I) LTD.

Authorised Distributor



**OAL**  
OXYCHEM AFRICA LTD