

# SOLID STAINLESS STEEL WIRES

FOR TIG WELDING / MIG WELDING / SAW WELDING

## TIGINOX (C)

SOLID STAINLESS STEEL  
WIRES FOR TIG WELDING

## MIGINOX (C)

SOLID STAINLESS STEEL  
WIRES FOR MIG WELDING

## SUBINOX (C)

SOLID STAINLESS STEEL  
WIRES FOR SAW WELDING



### Major users :

#### Process Industry

- Pharmaceutical
- Chemical
- Refinery
- Dairy
- Valves, Pumps & Heat Exchangers

#### Transportation

- Automobiles
- Railway Wagons

#### Heavy Industry

- Thermal Power Stations
- Steel Plants
- Sponge Iron Plants
- Turnkey Projects

#### Others

- Kitchen-Ware
- Textile
- Paper Mills
- Sugar Equipment & Machineries

### Salient Features :

- Manufactured under strict quality control standards and meets chemical / mechanical properties as per AWS SFA-5.9.
- Excellent arc stability and low spatter losses minimise extra cost of cleaning.
- Uniform diameter throughout the length ensures excellent feedability, high weld efficiency, smooth & uniform weld beads.
- For easy identification all AWL TIG wires are embossed at the end.

**\* NOTE: If you require stainless steel wires with controlled ferrite and /or cryogenic application, please refer our TIGINOX / MIGINOX / SUBINOX Series.**



### ADOR WELDING LIMITED

Central Marketing Office

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# SOLID STAINLESS STEEL WIRES

FOR TIG WELDING / MIG WELDING / SAW WELDING

TIGINOX(C) Series FOR TIG WELDING		Wire Chemistry (%)								Weld Metal Properties with 100% Ar gas shielding			Sizes (Dia. mm) :
		C	Cr	Ni	Mo	Mn	Si	P	S	Mechanical properties of All-weld metal in As-welded condition			
Tensile Strength Min.										Elongation			
Ksi	Mpa										Min percentage		
BRAND	AWS Classification												In 1000 mm Length in 5 Kg. Paper Tube  Also available Sizes: 1.0 1.2 In 5 Kg. Spools  Note : The Properties mentioned will vary with the type of shielding gas used.
TIGINOX (C)-308	ER 308	0.08 max	19.5-22.0	9.0-11.0	0.75 max	1.0-2.5	0.30-0.65	0.03 max	0.03 max	80	550	35	
TIGINOX (C)-308L	ER 308L	0.03 max	19.5-22.0	9.0-11.0	0.75 max	1.0-2.5	0.30-0.65	0.03 max	0.03 max	75	520	35	
TIGINOX (C)-316	ER 316	0.08 max	18.0-20.0	11.0-14.0	2.0-3.0	1.0-2.5	0.30-0.65	0.03 max	0.03 max	75	520	30	
TIGINOX (C)-316L	ER 316L	0.03 max	18.0-20.0	11.0-14.0	2.0-3.0	1.0-2.5	0.30-0.65	0.03 max	0.03 max	70	490	30	
TIGINOX (C)-309L	ER 309L	0.03 max	23.0-25.0	12.0-14.0	0.75 max	1.0-2.5	0.30-0.65	0.03 max	0.03 max	75	520	30	
TIGINOX (C)-310	ER 310	0.08-0.15	25.0-28.0	20.0-22.5	0.75 max	1.0-2.5	0.30-0.65	0.03 max	0.03 max	80	550	30	

MIGINOX(C) Series FOR MIG WELDING		Wire Chemistry (%)								Weld Metal Properties with 100% Ar +02 gas shielding			Sizes (Dia. mm) :
		C	Cr	Ni	Mo	Mn	Si	P	S	Mechanical properties of All-weld metal in As-welded condition			
Tensile Strength Min.										Elongation			
Ksi	Mpa										Min percentage		
BRAND	AWS Classification												In 15 Kg. Spools  Note : The Properties mentioned will vary with the type of shielding gas used.
MIGINOX (C)-308	ER 308	0.08 max	19.5-22.0	9.0-11.0	0.75 max	1.0-2.5	0.30-0.65	0.03 max	0.03 max	80	550	35	
MIGINOX (C)-308L	ER 308L	0.03 max	19.5-22.0	9.0-11.0	0.75 max	1.0-2.5	0.30-0.65	0.03 max	0.03 max	75	520	35	
MIGINOX (C)-316	ER 316	0.08 max	18.0-20.0	11.0-14.0	2.0-3.0	1.0-2.5	0.30-0.65	0.03 max	0.03 max	75	520	30	
MIGINOX (C)-316L	ER 316L	0.03 max	18.0-20.0	11.0-14.0	2.0-3.0	1.0-2.5	0.30-0.65	0.03 max	0.03 max	70	490	30	
MIGINOX (C)-309L	ER 309L	0.03 max	23.0-25.0	12.0-14.0	0.75 max	1.0-2.5	0.30-0.65	0.03 max	0.03 max	75	520	30	
MIGINOX (C)-310	ER 310	0.08-0.15	25.0-28.0	20.0-22.5	0.75 max	1.0-2.5	0.30-0.65	0.03 max	0.03 max	80	550	30	

SUBINOX(C) Series FOR SAW WELDING		Wire Chemistry (%)								Weld Metal Properties with Automelt S 76 / S 33 Flux			Sizes (Dia. mm) :
		C	Cr	Ni	Mo	Mn	Si	P	S	Mechanical properties of All-weld metal in As-welded condition			
Tensile Strength Min.										Elongation			
Ksi	Mpa										Min percentage		
BRAND	AWS Classification												In 25 Kg. Spools  Note: The weld metal properties mentioned will vary with the type of flux used.
SUBINOX (C)-308	ER 308	0.08 max	19.5-22.0	9.0-11.0	0.75 max	1.0-2.5	0.30-0.65	0.03 max	0.03 max	80	550	35	
SUBINOX (C)-308L	ER 308L	0.03 max	19.5-22.0	9.0-11.0	0.75 max	1.0-2.5	0.30-0.65	0.03 max	0.03 max	75	520	35	
SUBINOX (C)-316	ER 316	0.08 max	18.0-20.0	11.0-14.0	2.0-3.0	1.0-2.5	0.30-0.65	0.03 max	0.03 max	75	520	30	
SUBINOX (C)-316L	ER 316L	0.03 max	18.0-20.0	11.0-14.0	2.0-3.0	1.0-2.5	0.30-0.65	0.03 max	0.03 max	70	490	30	
SUBINOX (C)-309L	ER 309L	0.03 max	23.0-25.0	12.0-14.0	0.75 max	1.0-2.5	0.30-0.65	0.03 max	0.03 max	75	520	30	
SUBINOX (C)-310	ER 310	0.08-0.15	25.0-28.0	20.0-22.5	0.75 max	1.0-2.5	0.30-0.65	0.03 max	0.03 max	80	550	30	

Backed by our dedicated customer care package.

Contact Authorised Distributor :



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