



Nevatia Steel & Alloys Pvt. Ltd.
Office : 904,Lodha Supremus,9th floor
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Web:<http://www.nevatiasteel.com>



TD-Stainless Welding wire
Revision No.: 02
Date of Issue : 01.11.2019

IATF 16949 , ISO 9001, ISO 14000 and ISO 45001 Certified Company

Stainless steel welding wire -Technical data

Product Name : nevinox[®]MIG430LNb

Product Specifications : 430LNb

Grade	Equivalent Standards		
	AWS A5.9/5.9M	EN ISO 14343 A	EN ISO 14343 B
430LNb	-	(18 L Nb)	430LNb

Characteristics : Stabilization with niobium gives it the advantages of these ferritic structure stabilizers. Niobium traps the residual C and N through its transfer of between 85 and 95% in the welding arc under all standard welding conditions, thus avoiding any risk of inter granular corrosion in the weld metal.

Application : 430LNb is developed and designed for the Automotive industry and used for production of exhaust systems and catalytic converters. The wire should be used when there is a need for good resistance to corrosion and thermal fatigue. Stabilised ferritic stainless steels, Austenitic stainless steels and in both homogeneous and heterogeneous sheet metal configurations

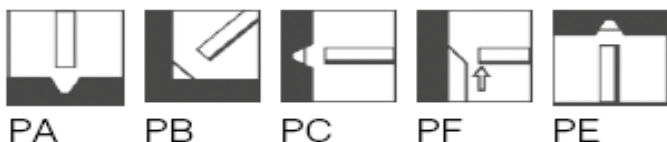
Chemical Composition % (Solid wire)

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Nb
0.03	0.60	0.03	0.03	0.50	15.50 - 17.00	0.50	0.50	0.75	8XC - 1.20

Remarks: Single values shown in the table are maximum values. Two values shown indicate minimum and maximum limits for a range.

Current Conditions:- DC (+)

Welding position:-



PA

PB

PC

PF

PE



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Dimension & Packing Data

Size(mm)	Size(inch)	SD100 Spool packing 1kg/2lb	SD200Spool packing 5kg/10lb	SD300/BS300 Spool packing 12.5kg,15kg /25lb, 33lb	Drum packing 100kg,250kg/ 200lb, -550 lb
0.600	0.024	√	√	-	-
0.800	0.030	√	√	√	√
0.900	0.035	√	√	√	√
1.000	0.040	√	√	√	√
1.200	0.045	√	√	√	√
1.600	0.063	-	√	√	√

Diameter tolerance and ovality

- As per AWS A5.9 and ISO 544

Inspection & certification

- As per EN 10204 type 3.1

For more details please contact : sales@nevatiasteel.com.