



EWB[®] – AISI 304L MIG / TIG Welding Wires

Classifications:

American Iron and Steel Institute: 304L
ASTM: A164
ASME: SA164

Material No. 1.4306

Typical Chemistry Composition of Weld Deposit:

C	Cr	Ni	Mn	Si
<0.040	18.00 – 20.00	8.00 – 13.00	<2.00	<0.75

Description:

- MIG / TIG welding of 18%Cr-8%Ni austenite stainless steels (AISI STS 304H).

Typical Mechanical Properties:

Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
min. 200	min. 520	min. 35

Welding Parameters:

Wire Diameter (Ø in mm)	0.80	1.00	1.20
Pulsed Arc (A)	100 - 150	120 - 200	140 - 220
Voltage (V)	22 - 27	24 - 28	24 - 28

Packing Available:-

MIG/MAG Wire (Ø in mm): 0.80 / 1.00 / 1.20

TIG Wire (Ø in mm): 1.60 / 2.40 / 3.20 / 4.00

EWB Weld

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An ISO 9001:2015 Quality Management System Certified Co.