



VENUS - ER 309 TIG / MIG / SAW Welding Filler Wires

Classifications:

EN ISO 14343-B: SS 309
AWS A5.9: ER309

KS D 7026: Y309
JIS Z 3321: Y309

Typical Chemistry Composition of Weld Deposit:

C	Cr	Ni	Mn	Si
<0.08	23.00 – 25.00	12.00 - 14.00	1.00 - 2.50	0.30 - 0.65

Description:

- For Welding of 22%Cr-12%Ni STS and dissimilar steels such as 304L to mild steels or low alloy steels.

Typical Mechanical Properties:

Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
min. 350	min. 550	min. 35

Packaging:

MIG/MAG Wire (Ø in mm): 0.80 / 1.00 / 1.20 MM in 12.50 Kg Spools / 125 Kg Drums

TIG Wire (Ø in mm): 0.80 / 1.00 / 1.20 / 1.60 / 2.00 / 2.40 / 3.20 / 4.00 MM

SAW Wire (Ø in mm): 1.60 / 2.00 / 2.40 / 3.20 / 4.00 / 5.00 MM



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