



VENUS - ER 316L TIG / MIG / SAW Welding Filler Wires

Classifications:

EN ISO 14343-B: SS 316L
AWS A5.9: ER316L

KS D 7026: Y316L
JIS Z 3321: Y316L

Typical Chemistry Composition of Weld Deposit:

C	Cr	Ni	Mn	Mo	Si
<0.03	18.00 – 20.00	11.00 – 14.00	1.00 – 2.50	2.00 – 3.00	0.30 – 0.65

Description:

- For Welding of 18%Cr-12%Ni-2%Mo austenite stainless steels (AISI STS 316)

Typical Mechanical Properties:

Yield Strength
(Mpa)
min. 320

Tensile Strength
(Mpa)
min. 520

Elongation
(%)
min. 30

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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