

Stainless Steel MIG Wire

GM307

AWS A5.9 ER307
JIS Z 3321 YS307
ISO 14343-A-G 18 8 Mn

Product Features:

- Good arc stability and easy to melt together with base metal.
- Good crack resistance, high work hardening tendency and none-magnetism.
- Good bead appearance.

Applications:

- Suitable for dissimilar metal welding on manganese steel to carbon steel castings or forgings.

Shielding gas:

- Ar+ 1~2% O₂ (MIG)

Typical chemical composition of wire / rod (wt%)

C	Si	Mn	Ni	Cr	Mo	Fe
0.09	0.42	4.22	9.70	20.0	0.85	Bal.

Typical mechanical properties of all weld metal

Tensile Strength N/mm ²	Elongation %
660	38

MIG wire size & recommended welding parameters; DC+

Diameter (mm)	1.0	1.2	1.6
Current range (Amp)	70~200	90~250	200~300

Note:

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