



MIG WIRE AV MIG 1

STANDARD

AWS SFA 5.18
EN440

SPECIFICATION

ER70 S6
G3 Si 1

Description

AV MIG 1 is a copper coated steel wire for MIG welding suitable for general purpose, automatic and semi-automatic welding. This wire produces low Hydrogen and Radiography quality welds

Typical Application

AV MIG 1 can be used in all position welding of Pressure vessels, Structural steel, automobile components, ship building, general fabrication, etc

Typical chemical composition of wire

Wire	C	Mn	Si	S	P
AV MIG 1	0.08	1.55	0.85	0.03 max	0.03 max

Typical all weld metal chemical and mechanical properties

Wire	C	Mn	Si	Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation %	Impact Value Charpy
AV MIG 1	0.08	1.5	0.85	450	560	25	40J at (-) 30°C

Packaging Data

Dia (mm)

0.8mm to 1.2mm

Weight (Kg)

15 / 100 / 250

Packing Type

Layer wound spool / Non-Layer wound spool / Bobbin